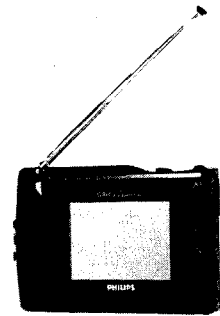


Service
Service
Service



45 319A

Service Manual

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MC-Service

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.

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GENERAL SPECIFICATIONS

(Subject to modification)

TV GENERALTransmission standard: PAL/SECAM (B/G) + PAL (I)
SECAM L/L'Tuner : VHF channels 2-12 + FB-F6 UHF
channels 21-69

Tuning system : FST

Channel selection : VHF/UHF automatic

Preselection : Maximum of 69 stored channels

TV part specification

| | Nominal values |
|--|-----------------------------|
| 1. Peak picture sensitivity | |
| VHF channels 2 - 4 | 25 μ V |
| VHF channels 5 - 12 | 35 μ V |
| VHF channels FB - F6 | 45 μ V |
| UHF channels 21 - 69 | 63 μ V |
| 2. Maximum usable antenna input | 32 mV |
| 3. AFC pull-in range | \pm 400 kHz |
| 4. APC pull-in range | \pm 400 Hz |
| 5. AM suppression ratio (amplitude modulation) | 28 dB |
| 6. Sound detection output (at 30% modulation) | |
| PAL B/G | 45 mV _{eff.} |
| PAL I | 35 mV _{eff.} |
| SECAM | 60 mV _{eff.} |
| 7. Picture detection output (at 88.7% modulation) | 1V \pm 0.3V _{pp} |

Audio part specification

| | Nominal values |
|---|-----------------|
| 1. Audio output (max) (at 10% dist. 1 kHz, 16 Ω) | 200 mW |
| 2. Distortion (at 100 mW, 1 kHz, 16 Ω) | 1% |
| 3. Input level (ext.audio) for 150 mW | 142 \pm 30 mV |

A. POWER SUPPLY 1) 8 x 1.5 V batteries2) Battery pack (rechargeable via the
AC adapter)3) Car battery via the "Car Receiver
Box"

4) Mains voltage via the AC adapter

Power consumption< 11 W at 220/240 V_{AC}
(nominal value without audio)< 4.7 W at 10.5 V_{DC}
(nominal value without audio)**Battery life** > 2 hours with alkaline batteries**B. CONNECTIONS**External antenna (75 Ω) : 3.5 mm (not for -/08)Headphones (8-16 Ω) : 3.5 mm

A/V input : 3.5 mm

(Ri \leq 47k Ω /1 V_{pp} 75 Ω)

DC input (10,5V) : 3.5 mm

OPERATING PARTS

On/Off switch (○ I)

PAL I / PAL / SECAM selection switch

"Search" () / "Preset" switch

"Search" () } ^ / v

"Preset"

Mode selection switch for volume (),

brightness () and colour saturation ().

Volume ()

Brightness ()

Colour saturation () } ^ / v

"Store" ()

"Delete" (X)

"Recall" ()

Channel / programme mode (C/P)

Car receiver box connector (J901) connection:

01: GND (power supply)

02: audio input (Ri < 10k Ω ; 350 \pm 50 mV)

03: on/off control signal output (active low)

04: GND (video)

05: H - sync output

06: GND

07: SDA (I²C)08: SCL (I²C)

09: GND

10: V - sync output

11: video input (75 Ω ; 1 \pm 0.3V_{pp})

12: GND (audio)

13: audio output (Ri < 10k Ω ; 350 \pm 50 mV)14: supply voltage input 10.5 \pm 0.5V (500 mA)**C. ANTENNA**

TV : 60 cm telescopic

External

antenna : 75 Ω coaxial via the adapter plug
(not for -/08)**D. PICTURE**Liquid crystal : Flat screen 10.1 cm, liquid crystal display
panel display with active matrix, thin film
transistor.

Number of

pixels : 234 x 479 (total 112,086)

Viewing angle : Horizontal > -45°: -45°

Vertical > + 10°: -30°

Colour pattern : Delta layout

Contrast ratio : More than 1:30

E. SOUND

Loudspeaker : Diameter 3.8 cm

Output 200 mW (max.)

G. AMBIENT TEMPERATURE

: 5°C to 40°C (operation)

-25°C to 60°C (storage)

H. WEIGHT : 500 g (not including batteries)**I. DIMENSIONS:** 171 x 117 x 64 mm (WxHxD)

171 x 117 x 74 mm (WxHxD)

(with "car bracket")

WARNINGS

1. ESD



All ICs, SMD's and many other semi-conductors are susceptible to electrostatic discharges (ESD). Careless handling during repair can reduce life drastically.

When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance. Keep components and tools on the same potential.

2. Never replace any parts while the set is switched on.
3. Use plastic instead of metal alignment tools. This in order to preclude short-circuit or to prevent a specific circuit from being rendered unstable.
4. Proceed with care when measuring the fluorescent lamp drive circuit.
5. Critical components having special safety characteristics are enclosed within a broken line (where several critical components are grouped in one area) along with the safety symbol on the schematic diagrams

REPAIR MODE

If the "store" () en "channel -" keys are both pressed in when the set is switched on, the set will be in the repair mode and the text "REPAIR MODE" will be shown on the screen.

The following keys now have the functions indicated below:

- delete (X)

The content of the memory IC62 is erased.

- mode

The linear functions, brightness and colour saturation, are set to 50%, volume to 0%.

- recall ()

Reset of the repair mode.

(this can also be done with the power on/off switch)

ERROR MESSAGES

If an error is detected by the microprocessor (IC61), an error message (see fig. 1) can be measured on pin 37 and the program enters an infinite loop.

Also (if possible) the error message FO..F5 is displayed on the screen.

NOTES TO DIAGRAMS AND OSCILLOGRAMS

1. The direct voltages were measured under the following conditions:
 - a: An AC voltage adapter has been used.
 - b: The colour saturation and brightness were optimally set.
 For each diagram the situation for which the direct voltages apply is stated under "measure conditions".
2. The oscillograms were measured under the following conditions:
 - a: A colour bar signal was used as an input signal.
 - b: The colour saturation and brightness were set in the mid-position.
 - c: An AC voltage adapter has been used.

MECHANICAL INSTRUCTIONS

1. In order to facilitate troubleshooting and repairs, the set can be disassembled as follows:
 - A: Remove the battery compartment or "car receiver box" bracket (if present).
 - B: Remove the 4 screws at the rear.
 - C: Disconnect the connection cable for the battery compartment.
 - D: Remove the main printed circuit board from the click connection.
 - E: Disconnect the temperature sensor connector (J1H1)
2. Replacing the fluorescent lamp and the LCD module.

The fluorescent lamp is accessible when the main printed circuit board has been made accessible (see mechanical instructions 1).

The fluorescent lamp can be replaced after the metal screen of the lamp has been removed (remove the 4 screws).

The LCD module can be easily removed and replaced once the fluorescent lamp has been removed.

| ERROR MESSAGE ON DISPLAY | ERROR MESSAGE ON PIN 37-IC61 | POSSIBLE DEFECTIVE COMPONENT |
|--------------------------|------------------------------|------------------------------|
| F0 | | INTERNAL RAM ERROR (IC61) |
| F1 | | TIMER ERROR (IC61) |
| F2 | | EEPROM (IC62) |
| F3 * | | TUNER 1101 |
| F4 * | | MODULATOR 7190 |
| F5 | | TUNER E701 |

* ERROR/ERRORE/FEHLER/ERREUR/FOUTMELDING RECEIVER BOX.

MDA.02607 /T-07/013

Fig. 1

3. Servicing of Small Chip Parts.

3.1 General cautions on Handling and Storage.

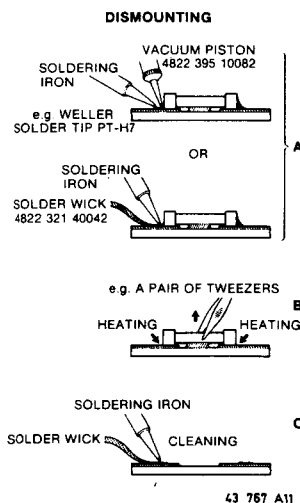
- Oxidization on the chip's terminals results in poor soldering. Do not handle them with bare hands.
- For storage, avoid the following places where oxidization will occur, and their capacitance and resistance will deteriorate.
 - In areas with sulfur or chlorine gas.
 - Directly sunlit places
 - High temperature/high humidity places
- Rough handling of circuit boards containing Surface Mounted Devices (SMD's) can cause damage to the components as well as the circuit boards. Circuit boards containing SMD's should never be bent or flexed. Different circuit board materials expand and contract at different rates when heated or cooled and the components and/or solder connections can be damaged by the stress. Never rub or scrape chip components as this may cause the value of the component to change. Similarly, do not slide the circuit board across any surface.

3.2 Removal of a Chip

- Heat the solder (for 2-3 seconds) at each terminal of the chip. You can remove small components with the soldering iron using a little force in horizontal direction while removing solder with braid. See Fig. 3A or:
- Holding the chip with a pair of tweezers take it off gently using the soldering iron's heat applied on each terminal. See Fig. 3B
- The printed board has to be free from excess solder, so that it is ready for the mounting of new components. See Fig. 3C

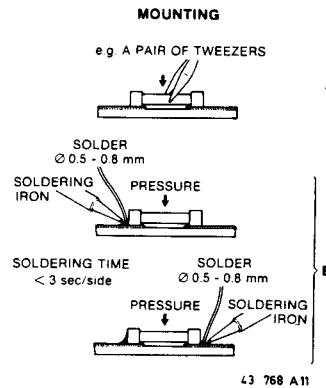
Caution on removal:

- When handling the soldering iron, use suitable pressure and be careful.
- When removing the chip, do not use undue force with the pair of tweezers.
- The soldering iron in use (approx. 30 W), it is best if provided with a thermal control (soldering temperature about 225 to 250°C).
- The chip, once removed, should **never** be used again.



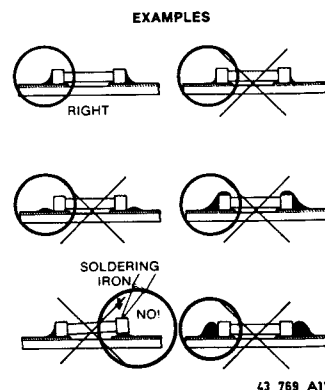
3.3 Attachment of a Chip

- Temporarily solder one terminal of the chip on the copper foil surface. See Fig. 4A
- Holding one end of the chip with a pair of tweezers, completely solder both terminals, one after the other. See Fig. 4B

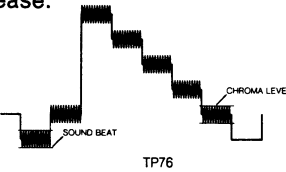


Caution on attachment:

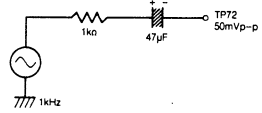
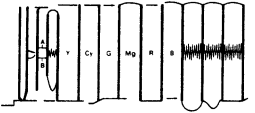
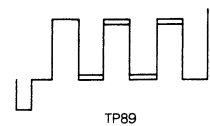
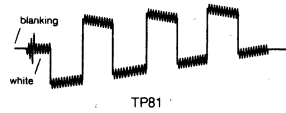
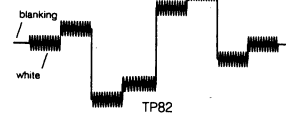
- When soldering the chip terminals, do not touch them directly with the soldering iron. The soldering must be as quick as possible, being careful not to hurt the terminals and the body itself.
- Keep the chip's body in contact with the printed board when soldering.
- The soldering iron in use (approx. 30 W), it is best if provided with a thermal control (soldering temperature about 225 to 250°C).
- Soldering should not be done outside the specified area.
- Soldering flux (of rosin) may be used but should not be acid.
- After soldering, let the chip cool down gradually at room temperature.
- The soldering amount should be proper: with an excessive amount the chip may be cracked and subject to other troubles (curvature of printed board, cramp of terminals, etc) See Fig. 5



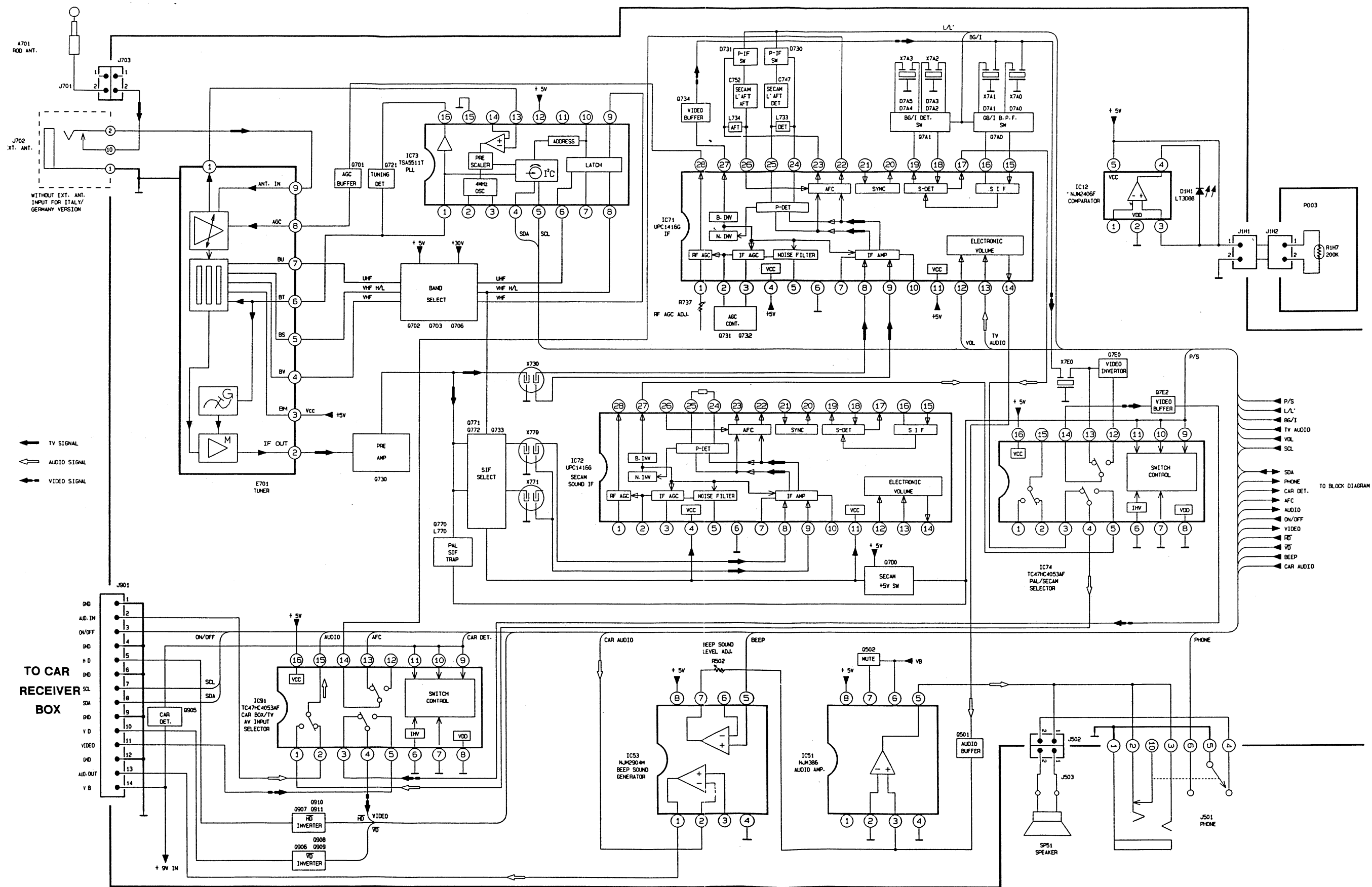
ADJUSTMENT PROCEDURES

| No. | Adjustment point | Requirement | Procedure |
|-----|---|---|---|
| 1. | 5 V power supply (R105) | 1. Connect a DC voltmeter to TP18. | 1. Adjust the potentiometer (R105) 5 V in such a way that the voltage of the 5 V line becomes 5 ± 0.05 (V). |
| 2. | Detector coil (PAL) (L733) | 1. Set the selector switch S601 to PAL. 2. Set the selector switch S603 to "search". 3. Apply an unmodulated IF signal to 2-E701 (TP73) IF signal output: – is approx. 3.2 mV 38.9 MHz. – should not overload the demodulator 4. Connect an oscilloscope to TP76 5. Apply an external AGC voltage (from 0 to 2V) to TP74 and adjust the DC voltage in such a way that the output DC voltage at the video buffer (Q734) (TP76) becomes 1.5V. | 1. Adjust the detector coil (L733) in such a way that the DC voltage of the video buffer (Q734) (TP76) becomes minimal. |
| 3. | The detector capacitor (SECAM) (C747) | 1. Set the selector switch S601 to SECAM. 2. Set the selector switch S603 to "Search". 3. Apply an unmodulated IF signal to 2-E701 (TP73). IF signal output: – is approx. 3.2 mV; 33.4 MHz – should not overload the demodulator 4. Connect an oscilloscope to TP76. 5. Apply an external AGC voltage (from 0 to 2V) to TP74 and adjust the DC voltage in such a way that the DC output voltage at the video buffer (Q734) (TP76) becomes 1.5 V. | 1. Adjust the detector capacitor (C747) in such a way that the DC voltage of the video buffer (Q734) (TP76) becomes minimal. |
| 4. | PAL AFC coil (L734) | 1. Set the selector switch S601 to PAL. 2. Set the selector switch S603 to "Search". 3. Apply an unmodulated IF signal to 2-E701 (TP73). IF signal output: – is approx. 3.2 mV; 38.9 MHz – should not overload the demodulator 4. Connect an oscilloscope to TP77. | 1. Adjust coil (L734) so that the DC voltage at TP77 becomes 3.2 V. |
| 5. | The SECAM AFC capacitor (C752) | 1. Set the selector switch S601 to SECAM. 2. Set the selector switch S603 to "Search". 3. Apply an unmodulated IF signal to 2-E701 (TP73). IF signal output: – is approx. 3.2 mV; 33.4 MHz – should not overload the demodulator 4. Connect an oscilloscope to TP77 | 1. Adjust capacitor (C752) so that the DC voltage at TP77 becomes 3.2 V. |
| 6. | Sound suppression coil (PAL) (L770) | 1. Set the selector switch S601 to PAL. 2. Set the selector switch S603 to "Search". 3. Receive a PAL colour bar signal. 4. Connect an oscilloscope to TP76. | 1. Adjust the sound suppression coil (L770) so that the sound beating (5.5 MHz) is at a minimum. Following this, slowly turn the coil as far as the point at which the sound beating increases but the chroma level does not increase.  |

ADJUSTMENT PROCEDURES

| No. | Adjustment point | Requirement | Procedure |
|-----|--|---|---|
| 7. | RF AGC (R737) | 1. Set the selector switch S601 to PAL. 2. Set the selector switch S603 to "Search". 3. Receive a PAL colour bar signal (0.5 mV) (UHF-band) 4. Apply a sine wave signal of 1 kHz to TP72 (RF AGC terminal of the tuner) through the matching network shown below.  5. Connect an oscilloscope to TP87 | 1. Turn the RF AGC control (R737) in such a way that several ripples appear and then turn it in the opposite direction until these ripples disappear. 2. Increase the antenna input by 3 dB and check that the ripples appear again. |
| 8. | Common electrode bias (R824) | 1. Receive a grey-scale pattern 2. Adjust the brightness control to the middle position. | 1. Adjust the common electrode bias adj (R824) so that the picture contrast is at maximum. |
| 9. | 1H delay amplitude (R869) | 1. Set the selector switch S601 to PAL. 2. Receive a blue signal (PAL). 3. Connect an oscilloscope to TP8F. | 1. Adjust R869 so that the voltage on TP8F becomes minimum. |
| 10. | Phase coil (L802) | 1. Set the selector switch S601 to PAL. 2. Receive a PAL colour bar signal. | 1. Adjust L802 so that the lines A and B become superimposed.  |
| 11. | 1H phase delay (L806) | 1. Set the selector switch S601 to PAL. 2. Receive a PAL colour bar signal by search tuning. 3. Connect an oscilloscope to TP89. | 1. Adjust the phase delay coil (L806) so that the two lines become superimposed.  |
| 12. | The Bell filter (L810) | 1. Set the selector switch S601 to SECAM. 2. Receive a SECAM colour bar signal by search tuning. 3. Connect an oscilloscope to TP8C. | 1. Adjust the Bell filter (L810) so that the chroma level on each colour bar is as flat as possible. |
| 13. | SECAM ident. coil (L809) | 1. Set the selector switch S601 to SECAM. 2. Receive a SECAM colour bar signal. 3. Connect an oscilloscope to TP8D. | 1. Adjust the SECAM ident. coil (L809) so that the DC voltage on TP8D becomes maximum. |
| 14. | B-Y SECAM detector coil (L808) | 1. Set the selector switch S601 to SECAM. 2. Receive a SECAM colour bar signal. 3. Connect an oscilloscope to TP81. | 1. Adjust the B-Y detector coil (L808) so that the DC level of the blanking level becomes the same as the white level.  |
| 15. | R-Y SECAM detector coil (L807) | 1. Set the selector switch S601 to SECAM. 2. Receive a SECAM colour bar signal. 3. Connect an oscilloscope to TP82. | 1. Adjust the R-Y detector coil (L807) so that the DC level of the blanking level becomes the same as the white level.  |
| 16. | Beep sound level (R502) | 1. Connect an oscilloscope to TP52. 2. Connect TP53 to earth via a 10kΩ resistor. | 1. Adjust the beep sound potentiometer (R502) so that the voltage on TP52 becomes 15mV _{pp} |

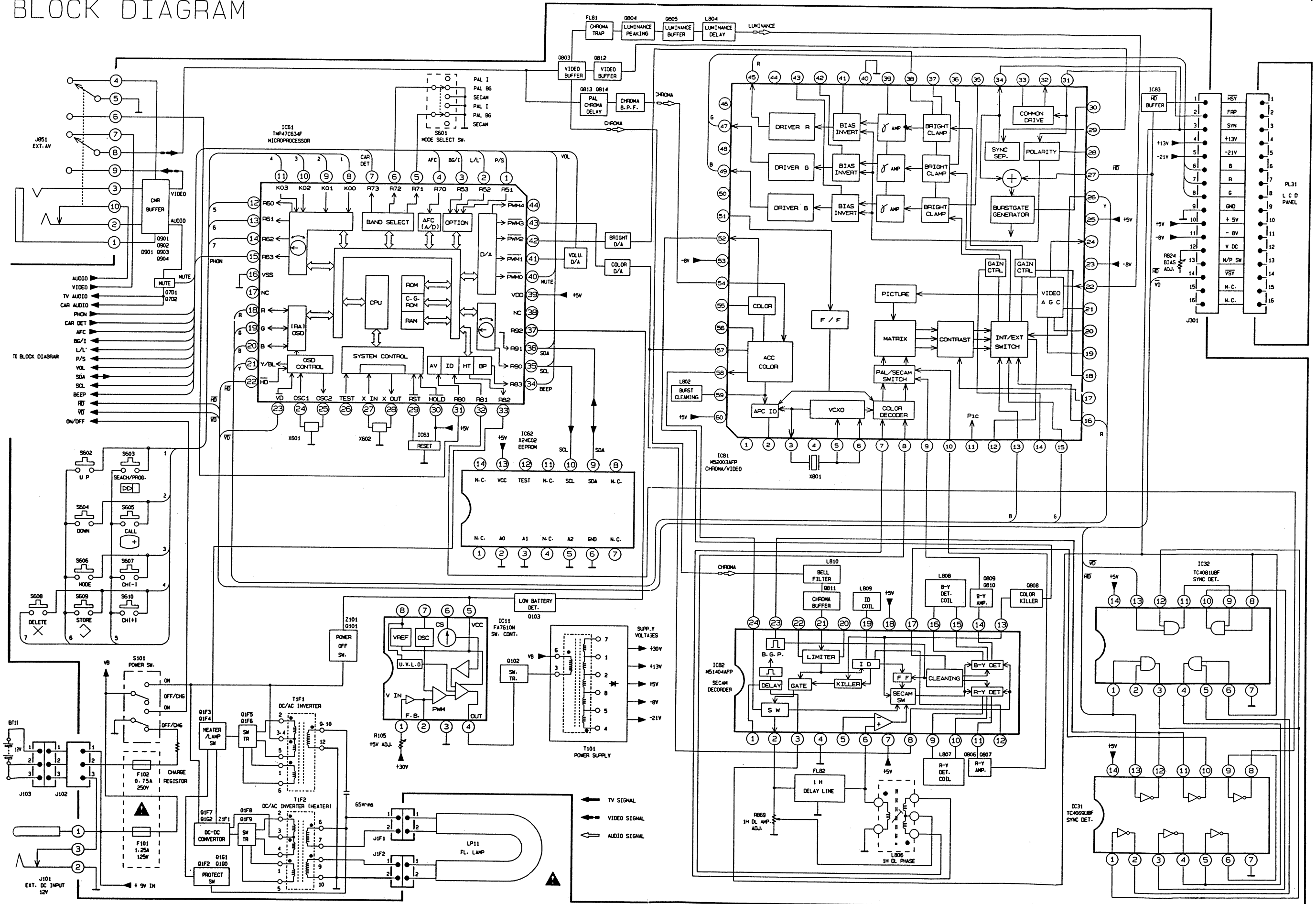
BLOCK DIAGRAM



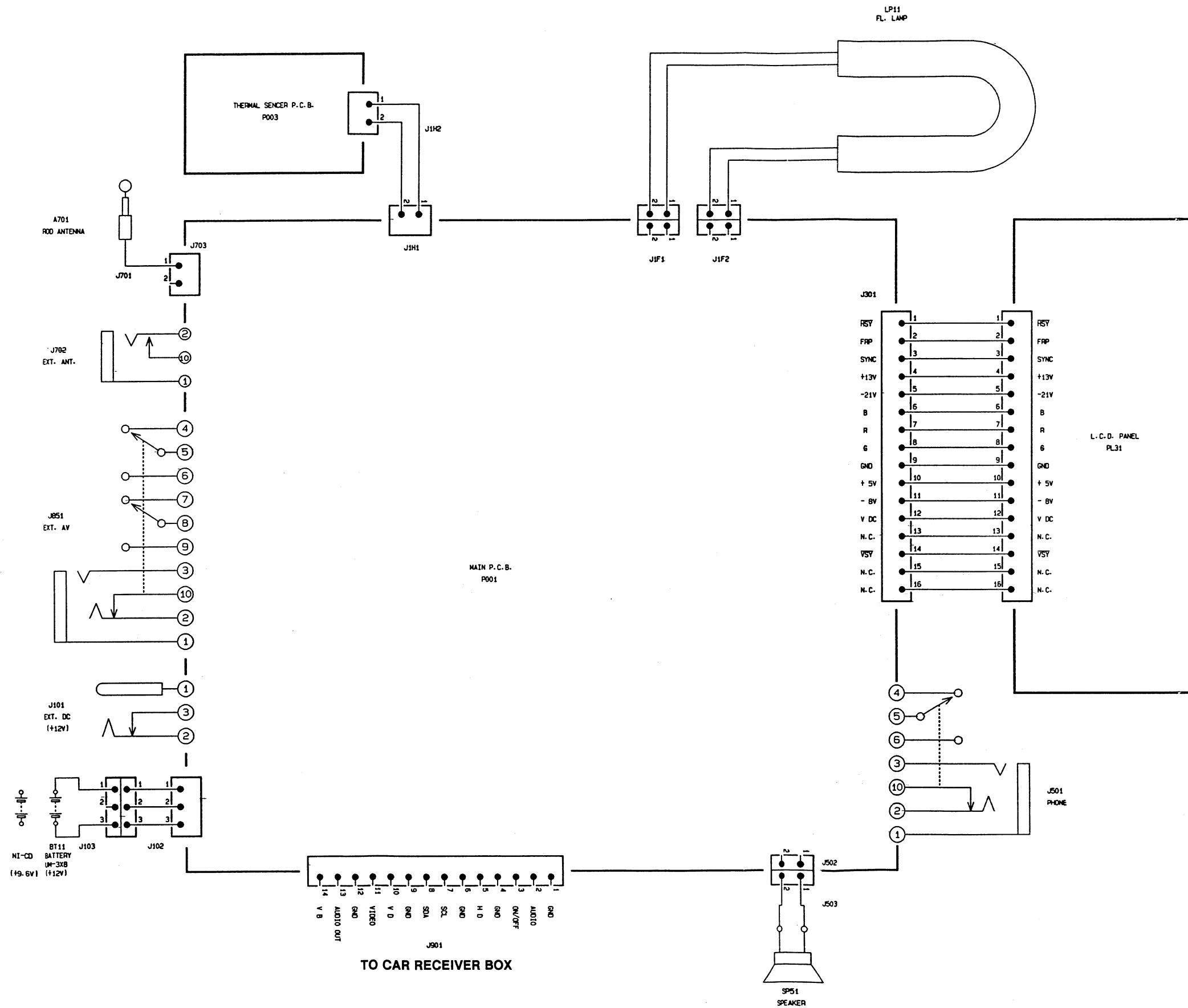
BLOCK DIAGRAM

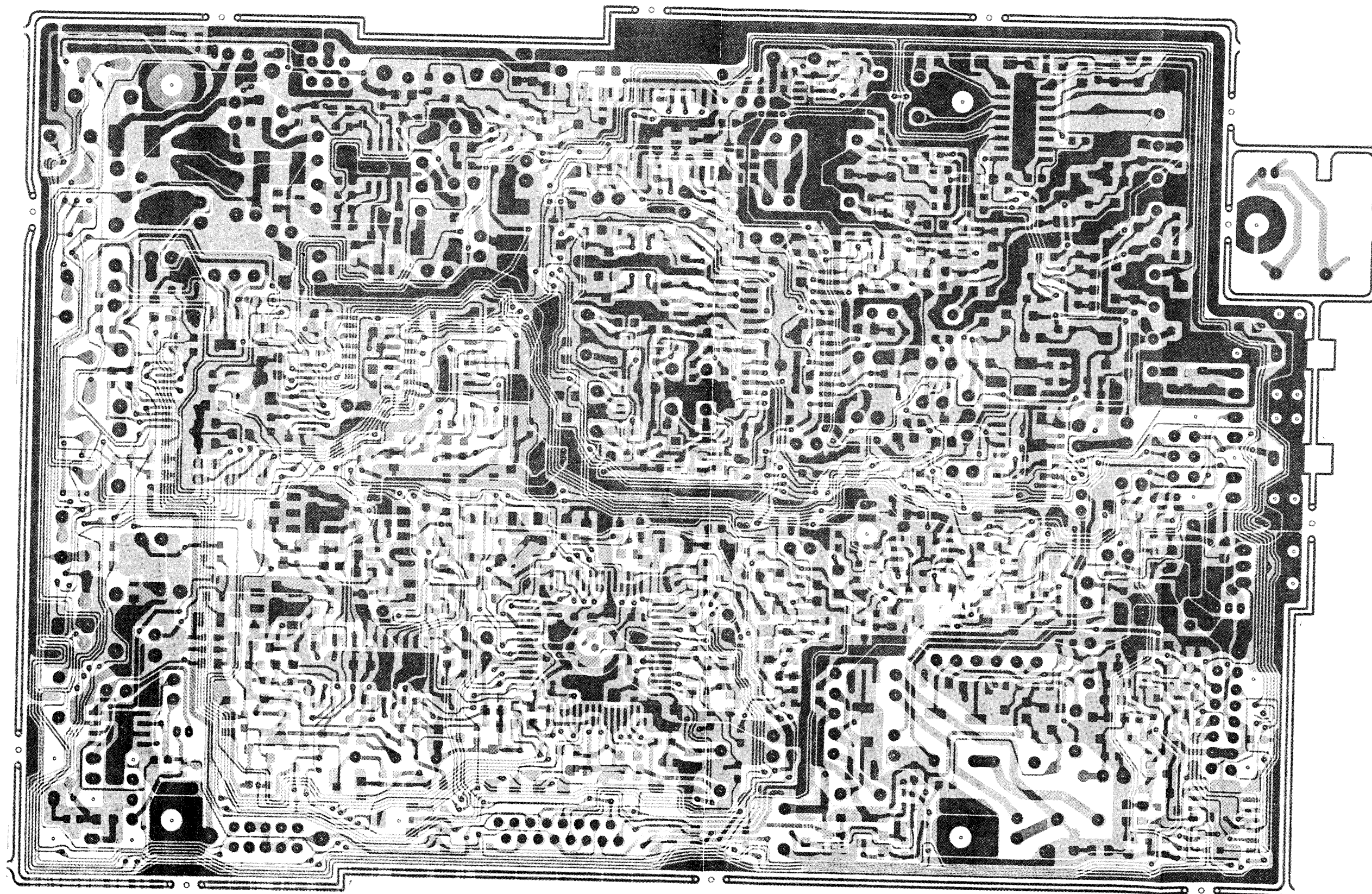
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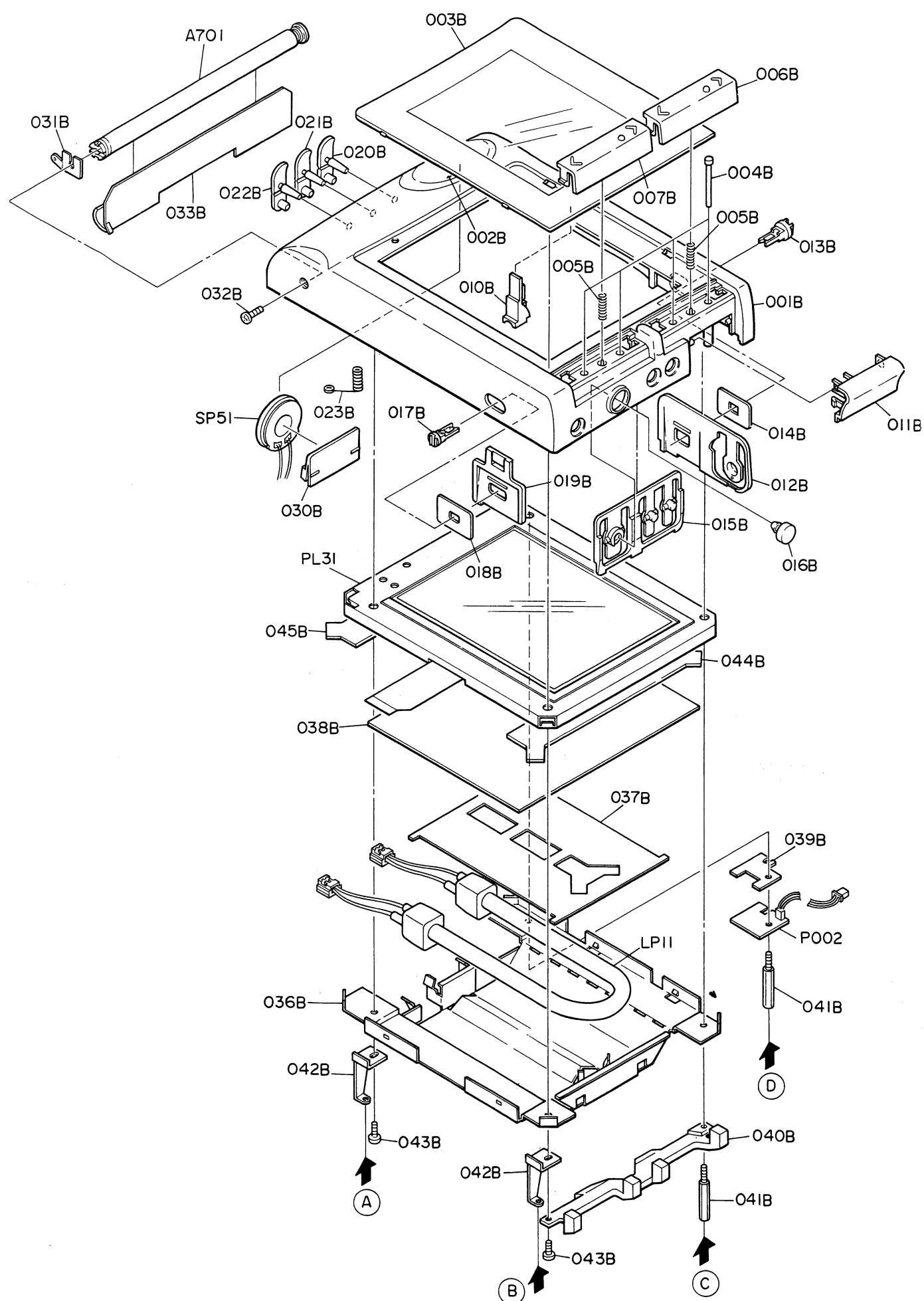
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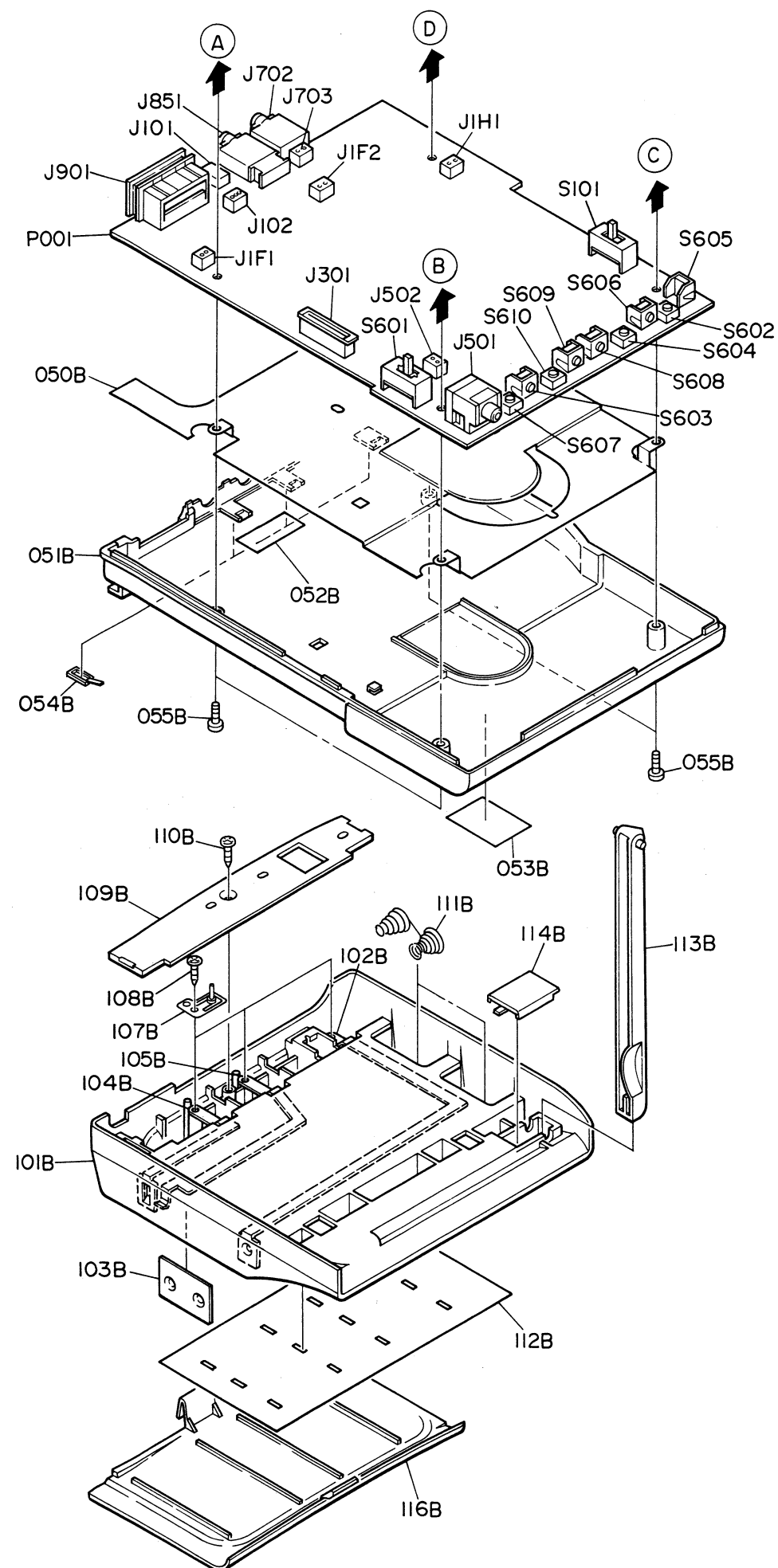
WIRING DIAGRAM





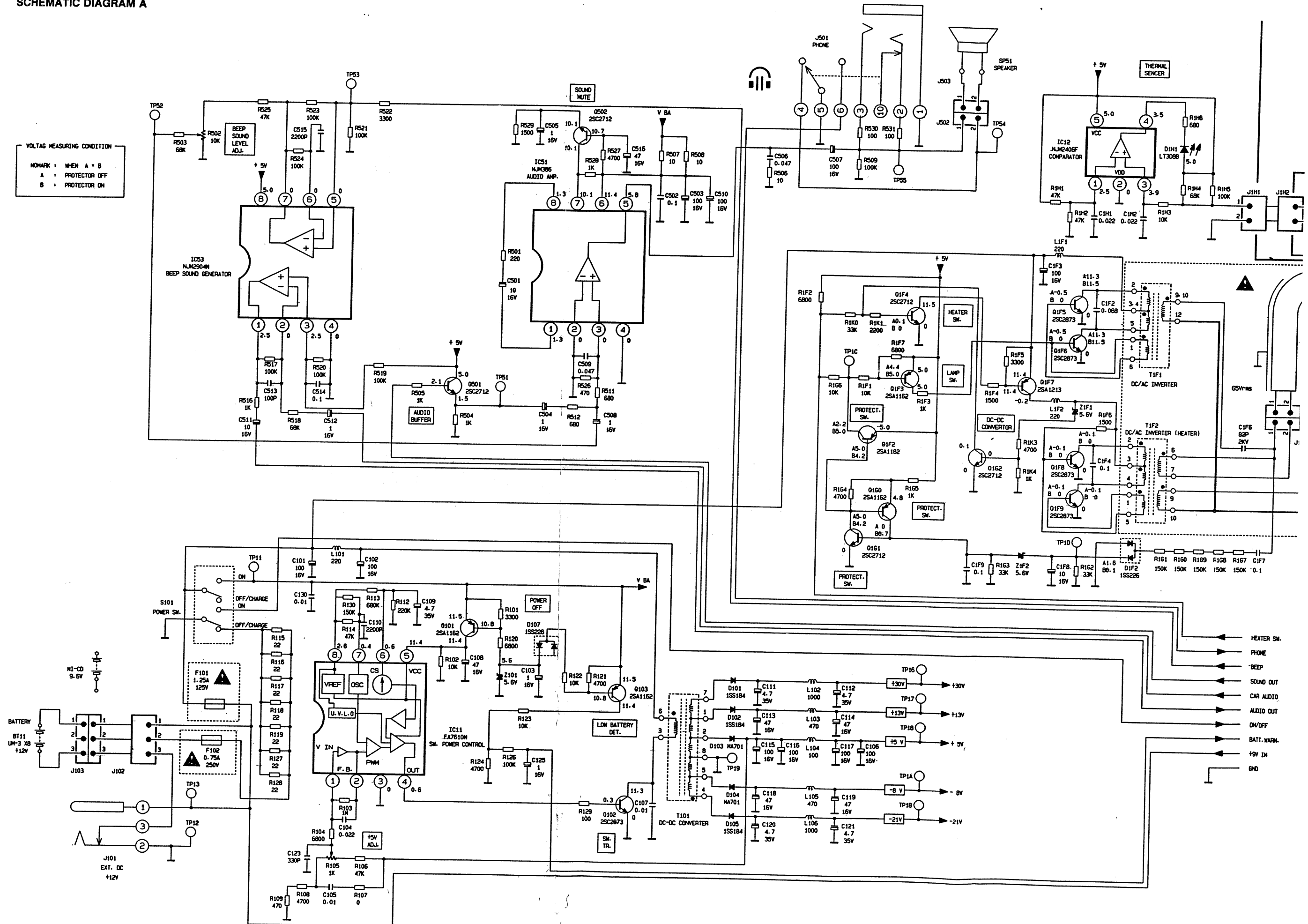


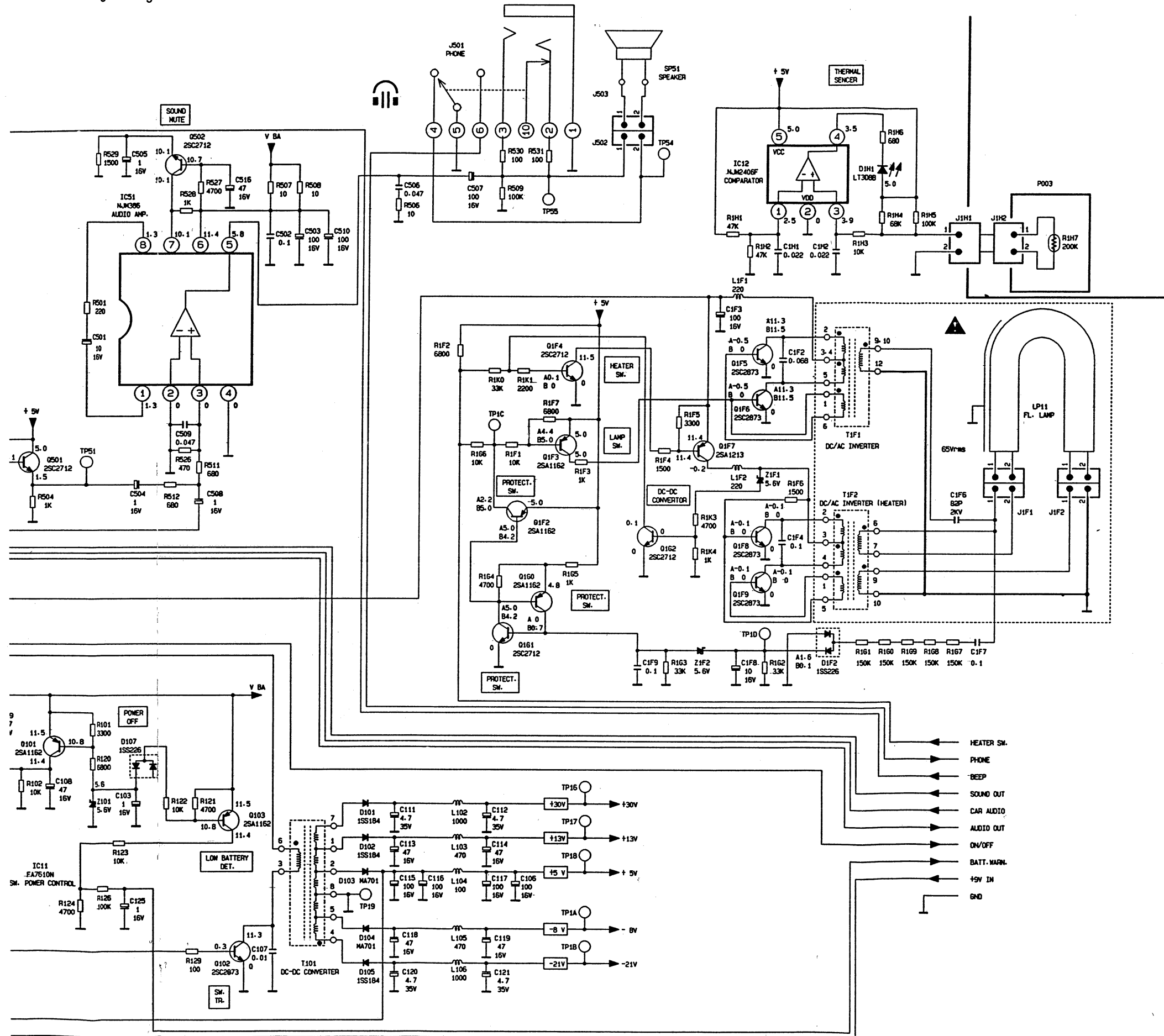
EXPLODED VIEW CABINET



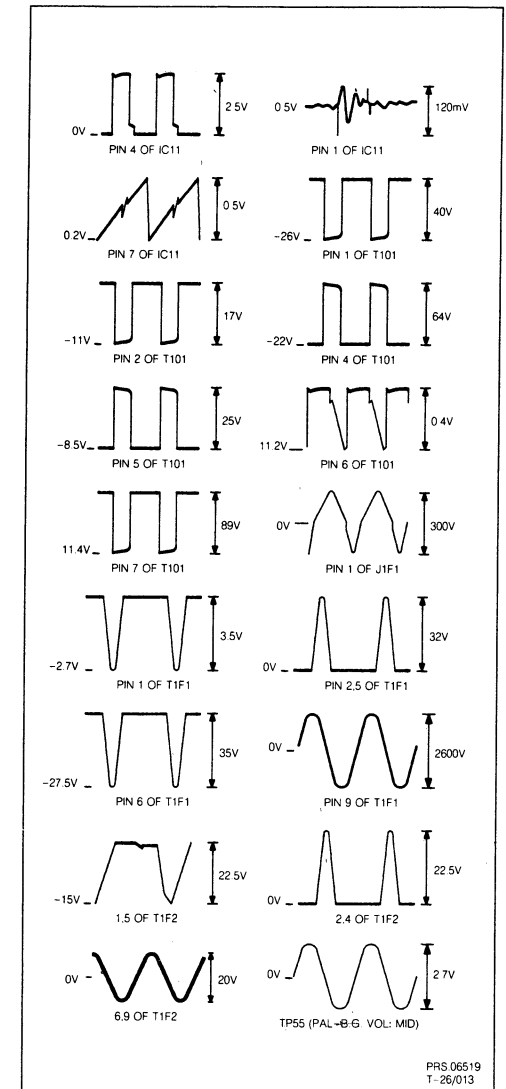
SCHEMATIC DIAGRAM A

9 9

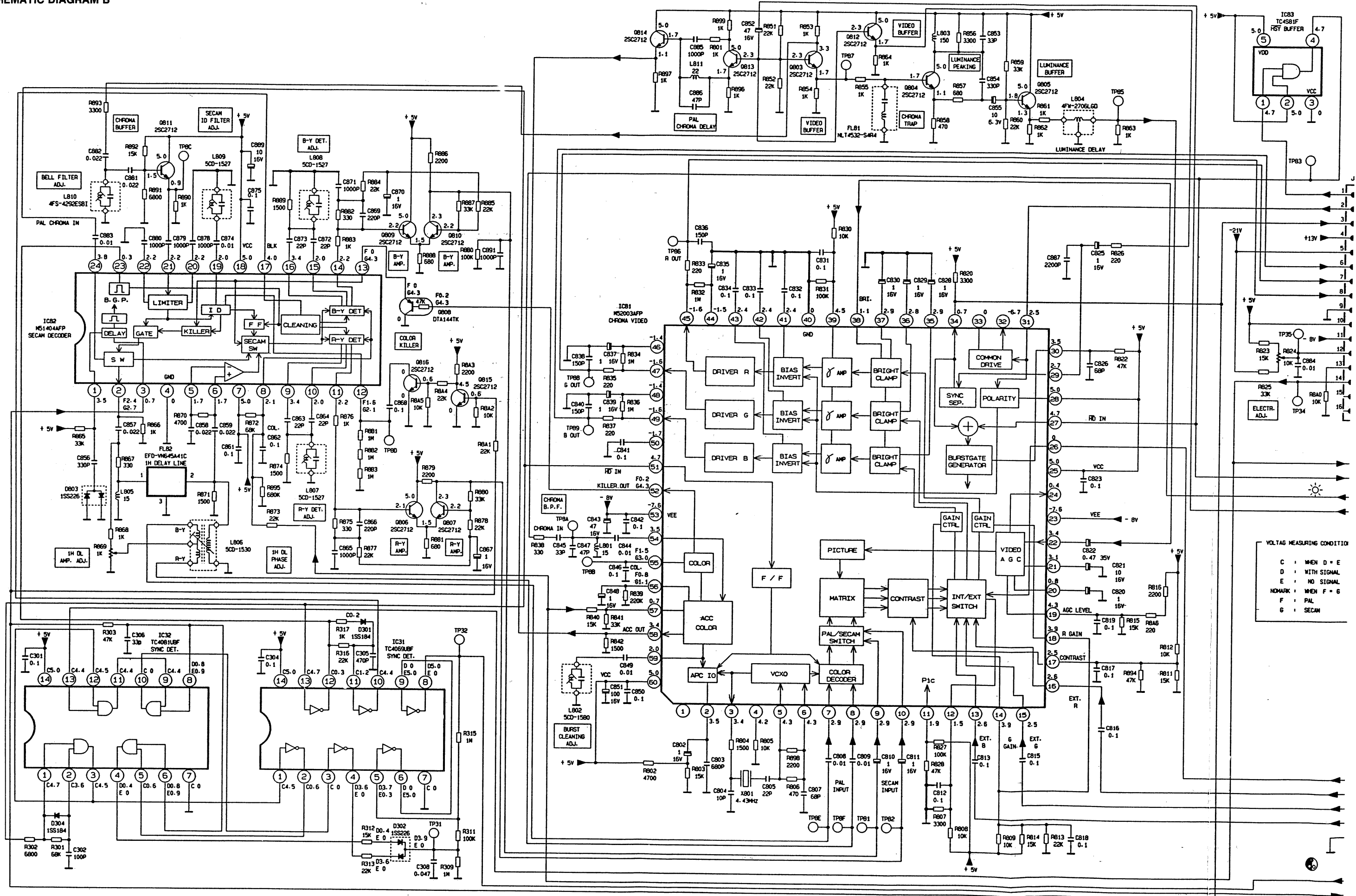


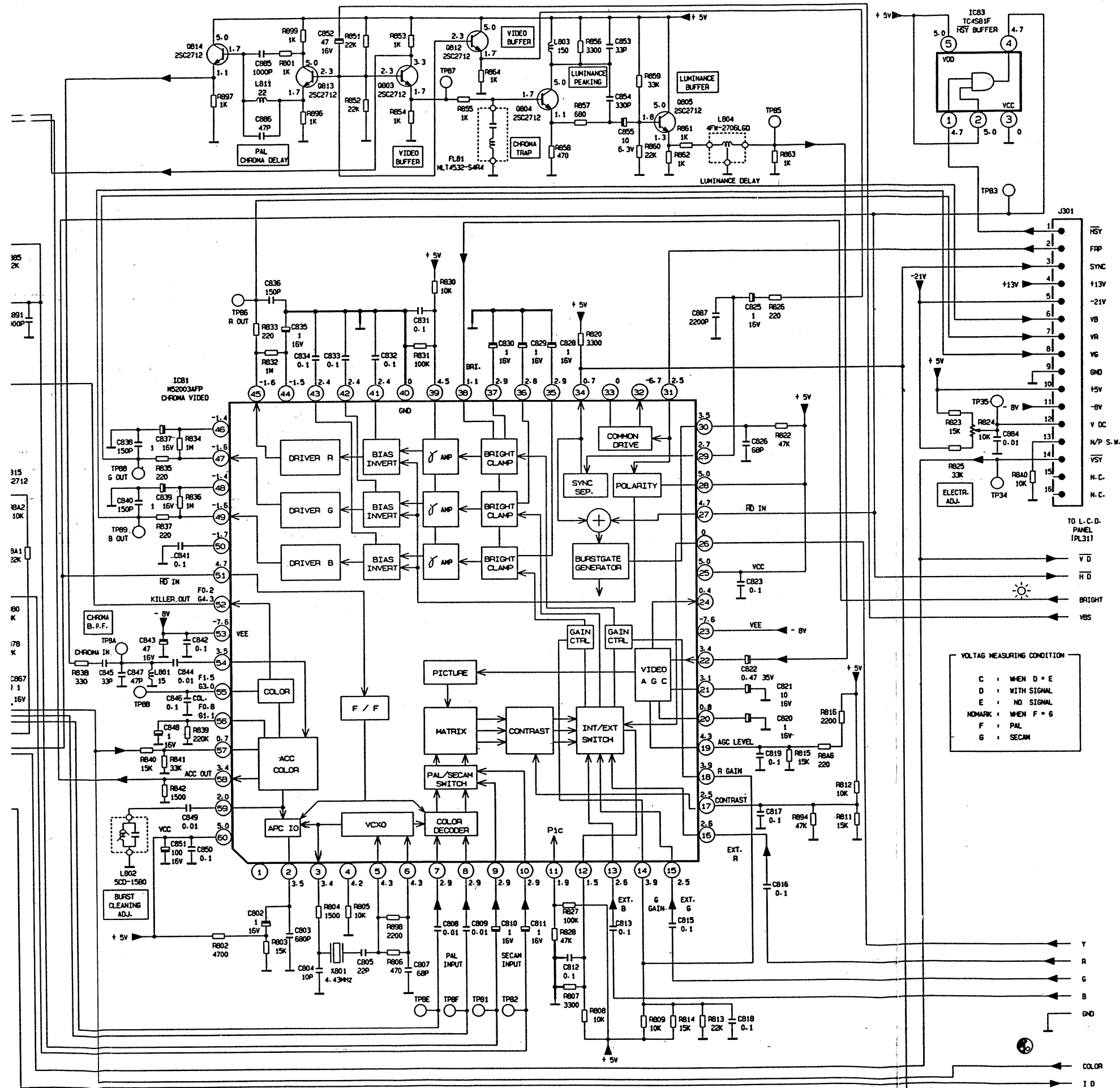


OSCILLOGRAMMES DIAGRAM A

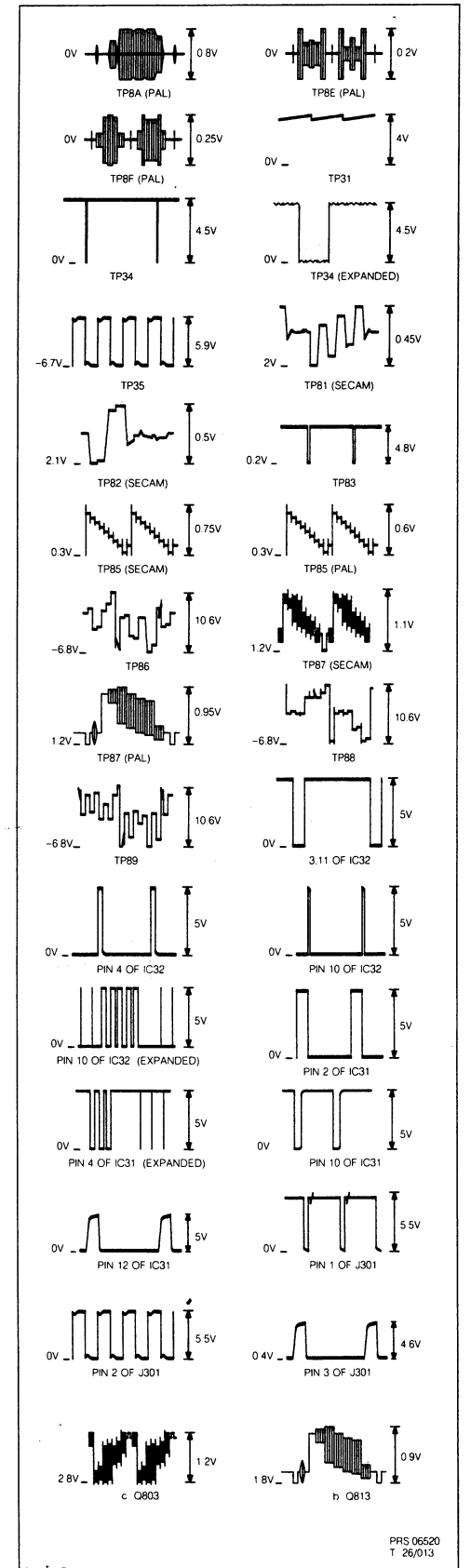


SCHEMATIC DIAGRAM B



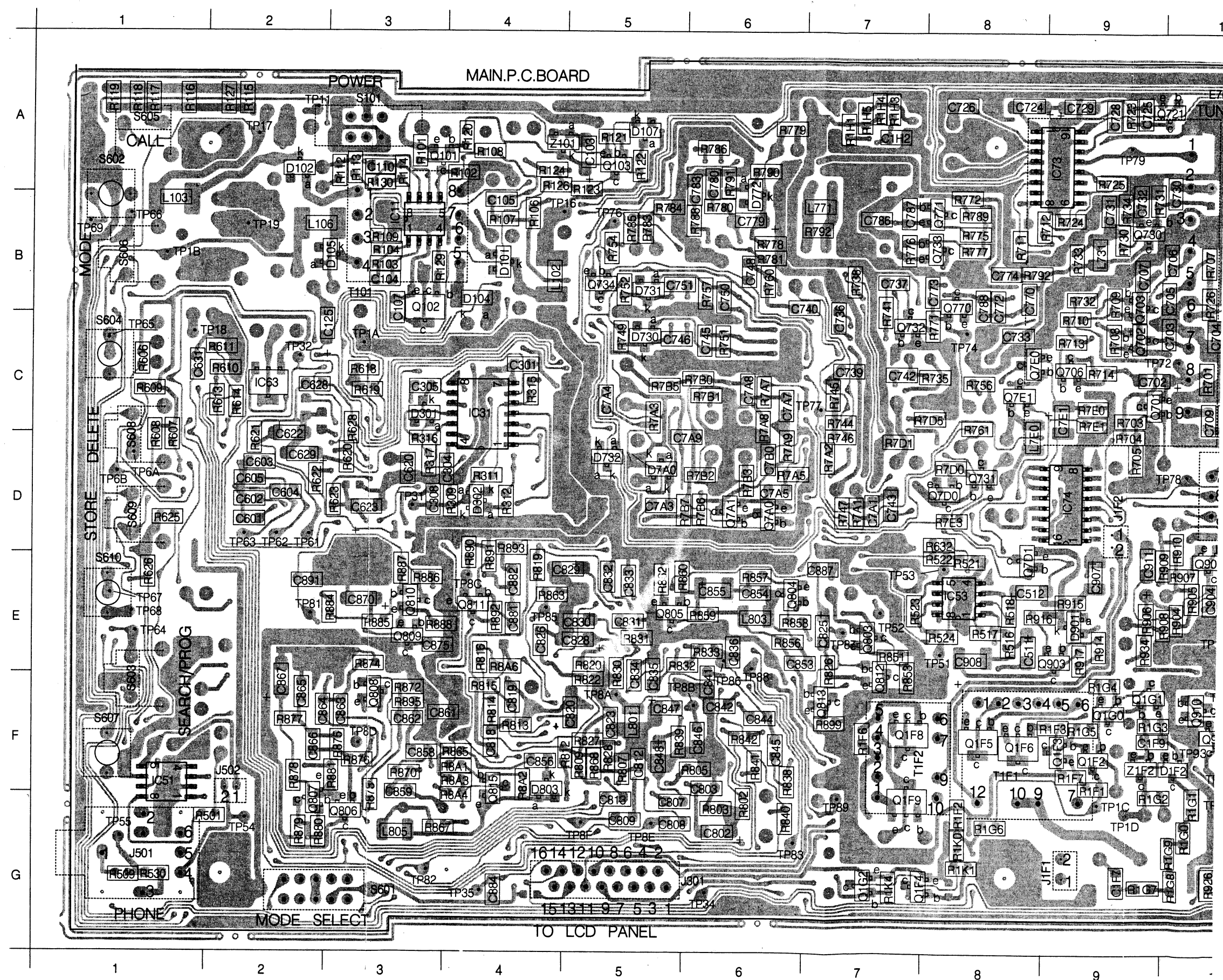


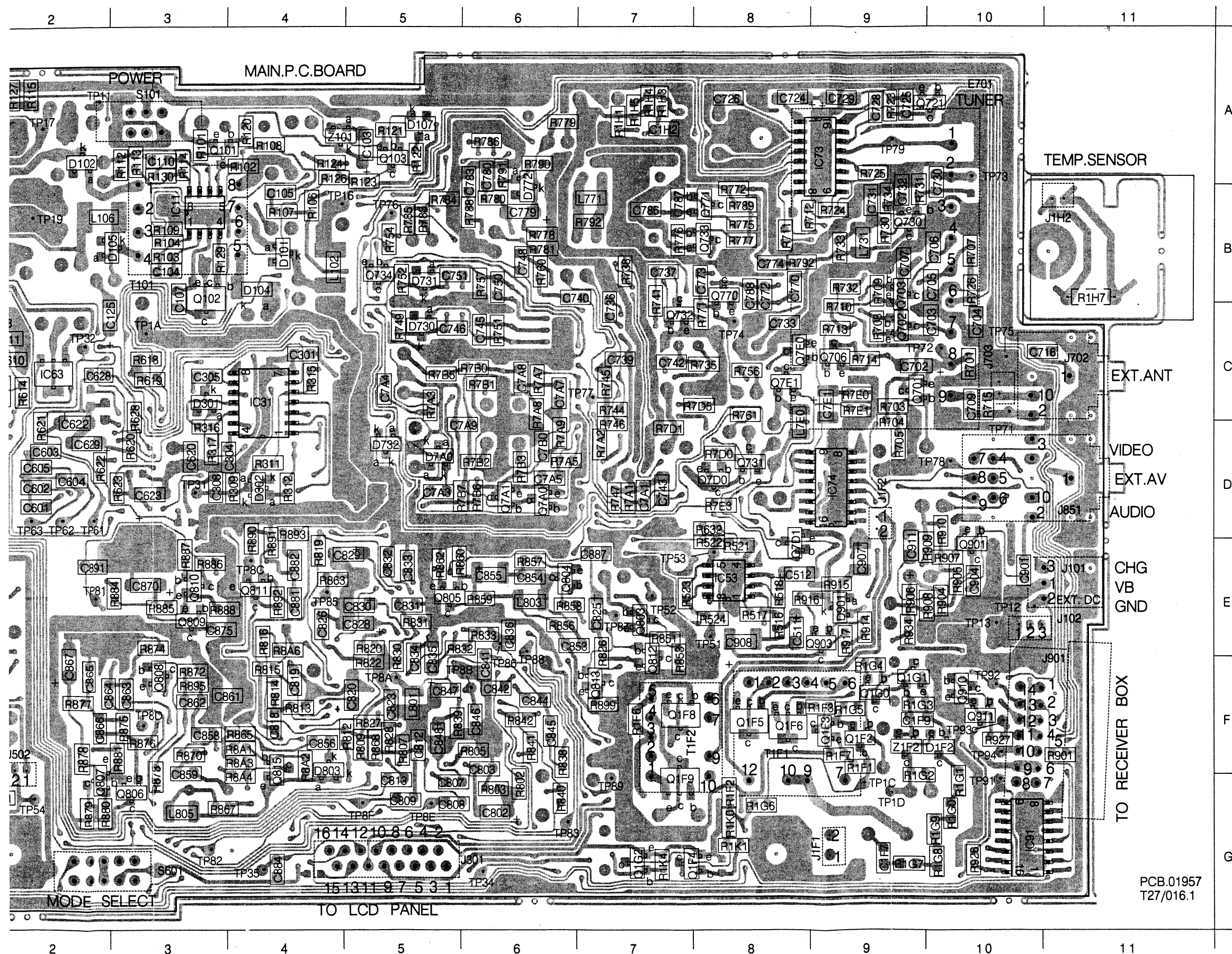
OSCILLOGRAMMES DIAGRAM B



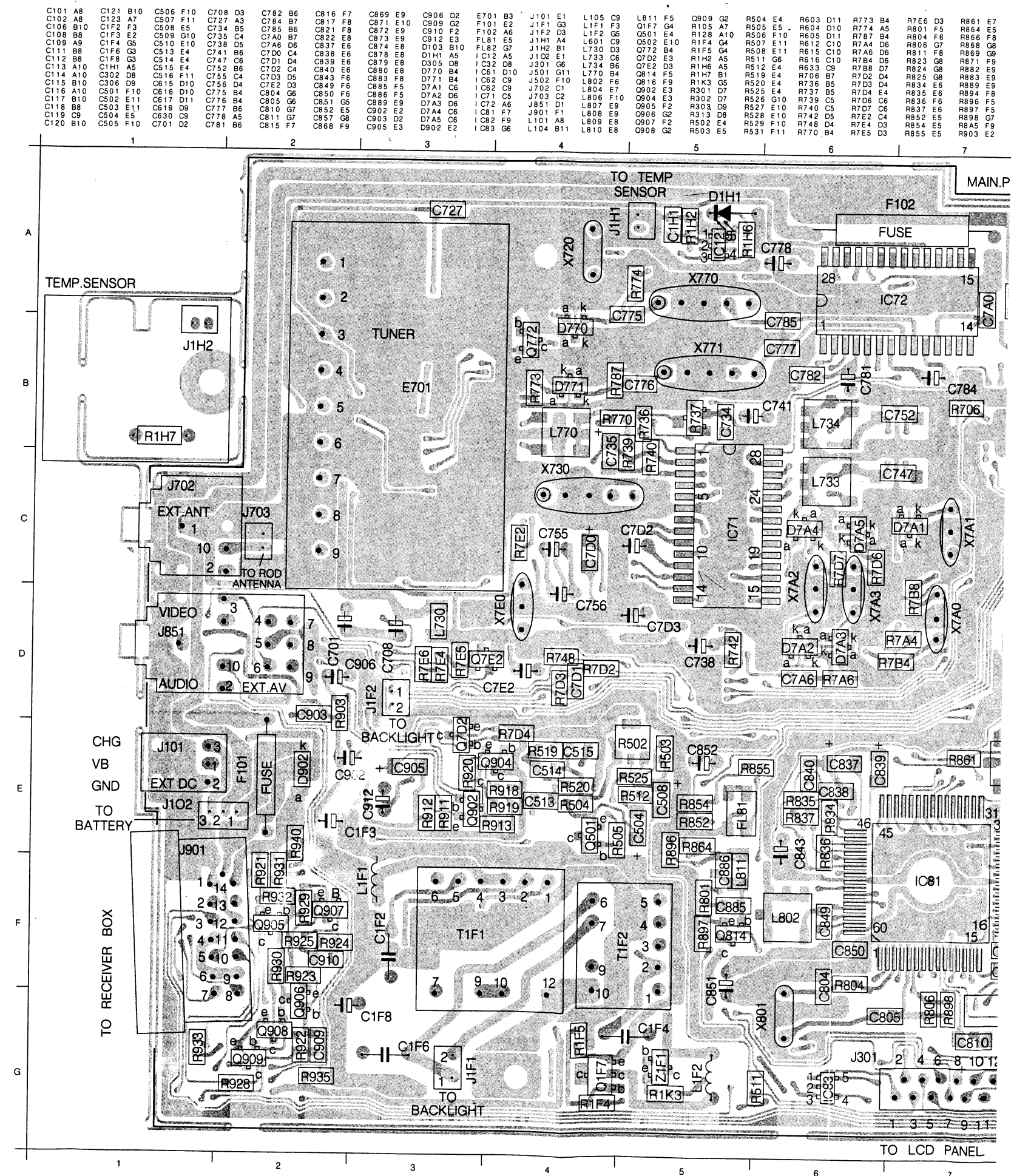
PRINTED CIRCUIT BOARD

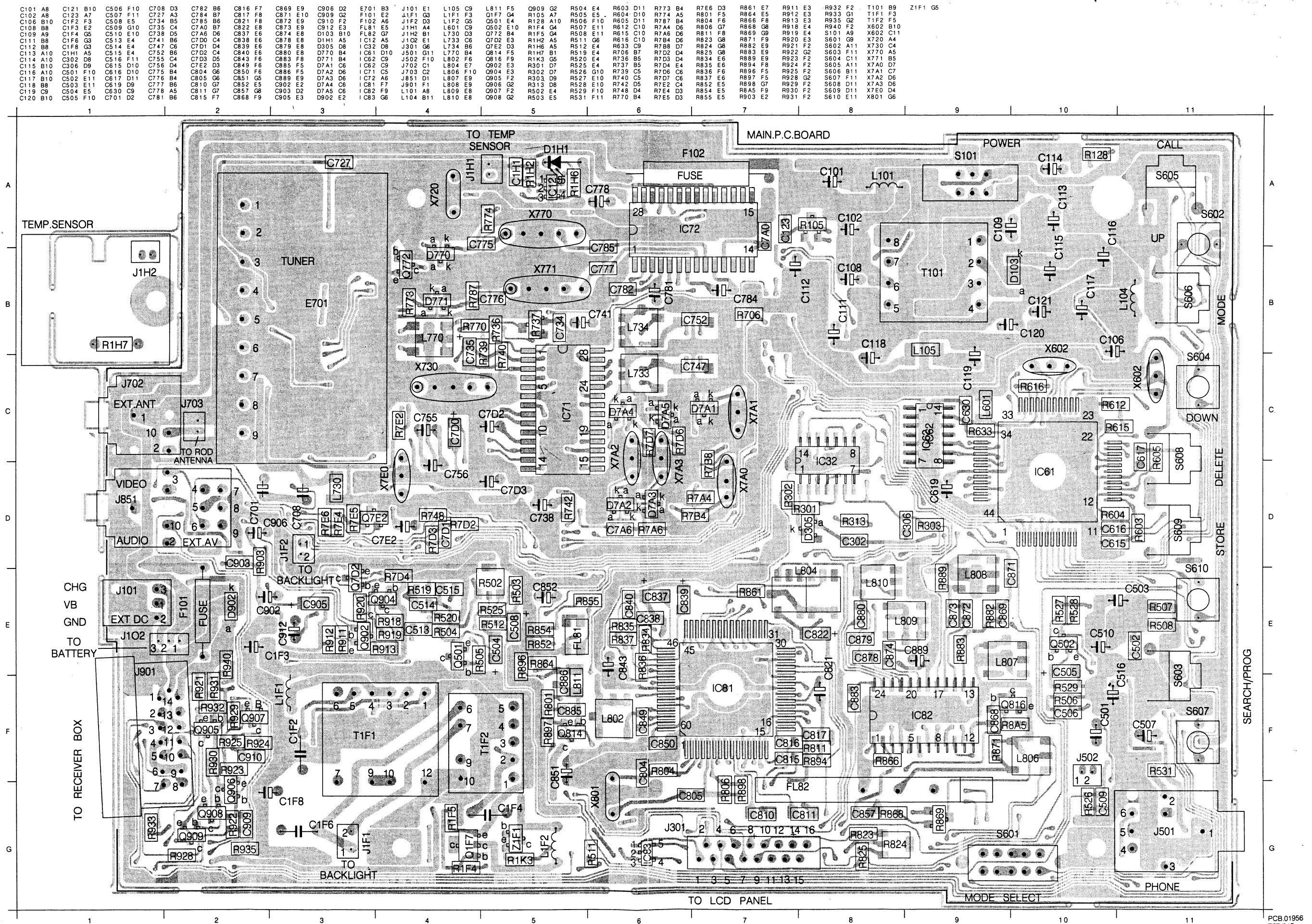
11 11



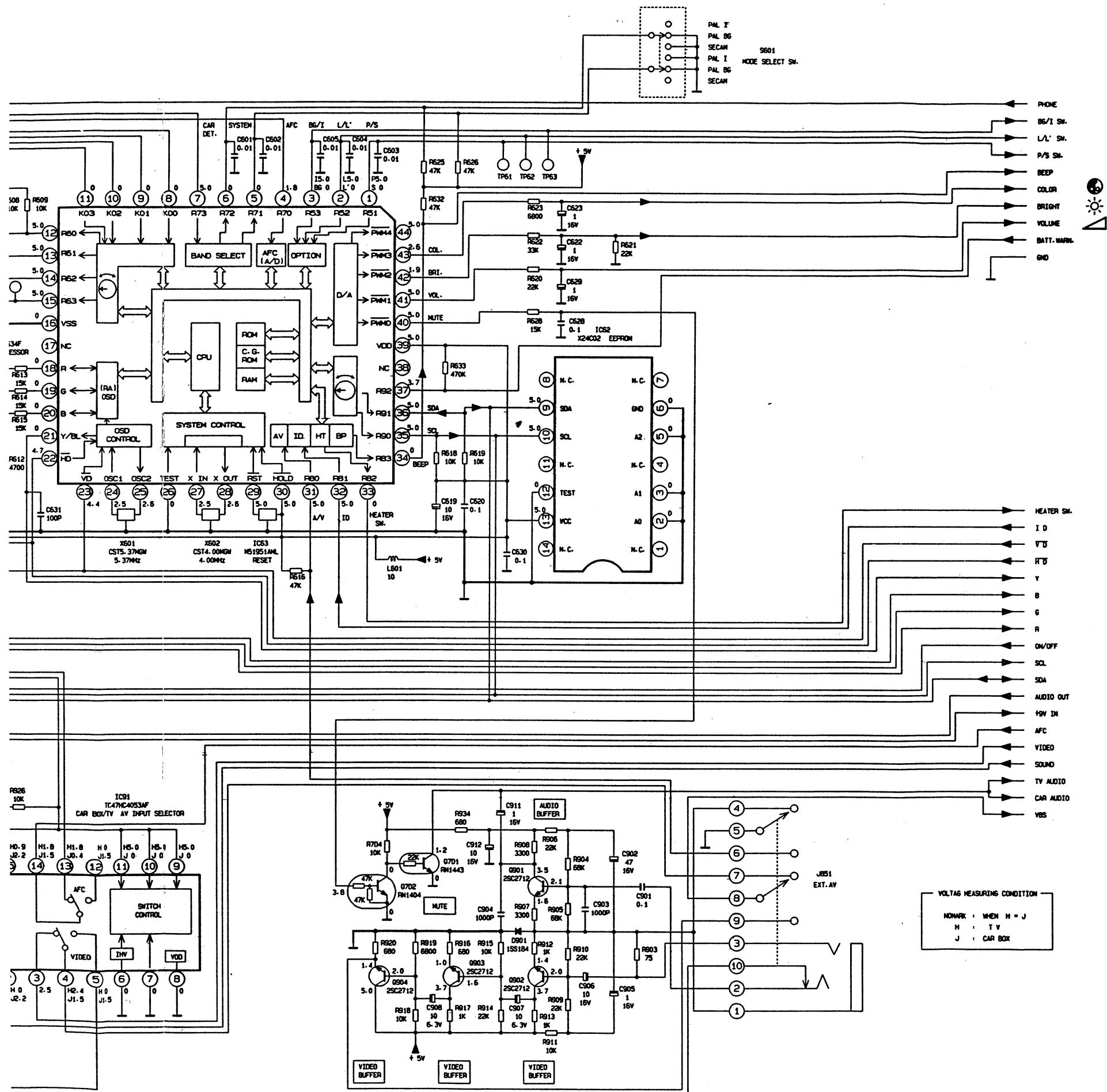


| | | | | |
|----------|----------|----------|----------|----------|
| C103 A5 | D102 A2 | R108 G10 | R815 F4 | TP85 E4 |
| C104 B3 | D104 B4 | R109 G10 | R816 E4 | TP86 F6 |
| C105 B4 | D105 B3 | R110 A7 | R817 E4 | TP87 E7 |
| C107 C3 | D107 A5 | R113 A7 | R820 E5 | TP88 F6 |
| C110 A3 | D112 F10 | R114 A7 | R822 F5 | TP89 G7 |
| C125 C3 | D301 C3 | R115 A7 | R826 F7 | TP8A F5 |
| C177 G9 | D302 D4 | R117 B11 | R827 F5 | TP8B F5 |
| C199 F9 | D730 C5 | R118 B11 | R828 F5 | TP8C E4 |
| C112 A7 | D731 B5 | R119 G8 | R830 F5 | TP8D F3 |
| C301 C4 | D732 D5 | R120 G8 | R831 E5 | TP8E G5 |
| C304 D4 | D772 B6 | R309 D4 | R832 E5 | TP8F G5 |
| C305 C3 | D7A0 D5 | R311 D4 | R833 E6 | TP91 G10 |
| C308 D3 | D803 F4 | R312 D4 | R838 F6 | TP92 F10 |
| C511 E8 | D901 E9 | R315 C4 | R839 F6 | TP93 F10 |
| C512 E8 | E701 A10 | R316 D3 | R840 G6 | TP94 F10 |
| C601 D2 | C11 B3 | R317 D3 | R841 F6 | Z101 A4 |
| C602 D2 | C31 C4 | R501 G1 | R842 F6 | Z1F2 F9 |
| C603 D2 | C51 F1 | R509 G1 | R851 E7 | |
| C604 D2 | C53 E8 | R516 E8 | R853 F7 | |
| C605 D2 | C63 C2 | R517 E8 | R856 E6 | |
| C620 D3 | C73 A9 | R518 E8 | R857 E6 | |
| C622 D2 | C74 D9 | R521 E8 | R858 E6 | |
| C623 D3 | C91 G10 | R522 E8 | R859 E6 | |
| C628 C7 | J101 E11 | R523 E7 | R860 E6 | |
| C629 D2 | J102 E8 | R524 E8 | R861 E5 | |
| C631 C1 | J1F1 G9 | R530 G1 | R863 E4 | |
| C702 C9 | J1F2 D9 | R606 C1 | R865 F4 | |
| C703 C10 | J1H2 B11 | R607 D1 | R867 G3 | |
| C704 C1 | J301 G6 | R608 D1 | R868 F5 | |
| C705 B10 | J501 G1 | R609 C1 | R870 F3 | |
| C706 B10 | J502 F2 | R610 C2 | R872 F3 | |
| C707 B9 | J702 C11 | R611 C2 | R873 G3 | |
| C709 C10 | J703 C10 | R612 C2 | R874 E3 | |
| C716 C10 | J851 D11 | R614 C3 | R875 F3 | |
| C724 A8 | J901 F10 | R618 C3 | R876 F3 | |
| C725 A9 | L102 B4 | R619 C3 | R877 F2 | |
| C726 A8 | L103 B1 | R620 D3 | R878 F2 | |
| C728 A8 | L106 B2 | R621 D2 | R879 E2 | |
| C729 D9 | L731 B9 | R622 D2 | R880 E2 | |
| C730 B10 | L771 B7 | R623 D3 | R881 F3 | |
| C731 B9 | L7E0 D8 | R625 D1 | R884 E3 | |
| C732 B9 | L801 F5 | R626 E1 | R885 E3 | |
| C733 C8 | L803 E6 | R628 D3 | R886 E3 | |
| C736 C7 | L805 G3 | R632 D8 | R888 E3 | |
| C737 B7 | O101 A3 | R701 C10 | R889 E3 | |
| C739 C7 | O102 B3 | R703 C9 | R890 E4 | |
| C740 B6 | O103 A5 | R704 D9 | R891 E4 | |
| C742 C7 | O105 F9 | R705 D9 | R892 E4 | |
| C743 D7 | O1F3 F9 | R707 B10 | R893 D4 | |
| C745 C6 | O1F4 G8 | R708 C9 | R895 F3 | |
| C746 C5 | O1F5 F8 | R709 B9 | R896 F3 | |
| C748 B6 | O1F6 F8 | R710 C9 | R897 F3 | |
| C750 B6 | O1F7 F7 | R711 C9 | R898 F3 | |
| C751 B5 | O1F9 G7 | R712 C9 | R899 F3 | |
| C770 B8 | O1G0 F9 | R713 C9 | R900 F3 | |
| C772 C8 | O1G1 F9 | R714 C9 | R901 F3 | |
| C773 B8 | O1G2 G7 | R715 C10 | R902 F3 | |
| C774 B8 | O701 C9 | R723 A9 | R904 E10 | |
| C779 B6 | O702 C9 | R724 A9 | R905 E10 | |
| C780 B6 | O703 C9 | R725 A9 | R906 E9 | |
| C783 B6 | O706 C9 | R726 B10 | R907 E10 | |
| C786 B7 | O721 A9 | R730 B9 | R908 E10 | |
| C787 B7 | O730 B9 | R731 B9 | R909 E10 | |
| C788 C8 | O731 D8 | R732 B9 | R910 E10 | |
| C7A1 D7 | O732 C7 | R733 B9 | R914 E9 | |
| C7A3 D5 | O733 B8 | R734 B9 | R915 E9 | |
| C7A4 C5 | O734 B5 | R735 C7 | R916 E9 | |
| C7A5 D6 | O770 B8 | R738 B7 | R917 E9 | |
| C7A7 C6 | O771 B8 | R741 C7 | R926 G10 | |
| C7A8 C6 | O7A0 D6 | R744 C7 | R927 F10 | |
| C7A9 D6 | O7A1 D6 | R745 C7 | R934 E9 | |
| C7B0 D6 | O7D0 D8 | R746 D7 | S101 A3 | |
| C7E1 C9 | O7D1 E8 | R747 D7 | S601 G3 | |
| C802 G6 | O7E0 C8 | R749 C5 | S602 A1 | |
| C803 F6 | O7E1 C8 | R751 C6 | S603 F1 | |
| C807 G5 | O803 E7 | R752 B5 | S604 C1 | |
| C808 G5 | O804 E6 | R754 B5 | S605 A1 | |
| C809 G5 | O805 E5 | R756 C8 | S606 B1 | |
| C812 F5 | O806 G3 | R757 B6 | S607 F1 | |
| C813 G5 | O808 F3 | R760 B6 | S608 D1 | |
| C818 F4 | O809 E3 | R761 C8 | S610 E1 | |
| C819 F4 | O810 E3 | R771 C8 | S610 E1 | |
| C820 F5 | O811 E4 | R772 B8 | T101 B3 | |
| C823 F5 | O812 F7 | R775 B8 | T11 F8 | |
| C825 F5 | O813 F7 | R776 B7 | T1F2 F8 | |
| C826 E4 | O815 G4 | R777 B8 | TP11 A2 | |
| C828 E5 | O801 E10 | R778 B6 | TP12 E10 | |
| C829 E4 | O803 E8 | R779 A6 | TP13 E10 | |
| C830 E5 | O810 F10 | R780 B6 | TP16 A4 | |
| C831 E5 | O811 F10 | R781 B6 | TP17 A2 | |
| C832 E5 | R101 A3 | R783 B5 | TP18 C1 | |
| C833 E5 | R102 A4 | R784 B5 | TP19 B2 | |
| C834 F5 | R103 B3 | R785 B5 | TP1A C3 | |
| C835 F5 | R104 B3 | R786 A6 | TP1B B1 | |
| C836 E6 | R105 B4 | R788 B6 | TP1 C9 | |
| C841 F6 | R107 B4 | R789 B8 | TP1D G9 | |
| C842 F6 | R108 A4 | R790 A6 | TP13 D3 | |
| C844 F6 | R109 B3 | R791 B6 | TP32 C2 | |
| C845 F6 | R112 A3 | R792 B6 | TP34 G6 | |
| C846 F6 | R113 A3 | R792 B8 | TP35 G4 | |
| C847 F5 | R114 A3 | R7A1 D7 | TP51 E8 | |
| C848 F5 | R115 A2 | R7A2 D7 | TP52 E7 | |
| C853 E6 | R116 A1 | R7A3 C5 | TP53 E7 | |
| C854 E6 | R117 A1 | R7A5 D6 | TP54 G2 | |
| C855 E6 | R118 A1 | R7A7 C6 | TP55 G1 | |
| C856 F4 | R119 A1 | R7A8 D6 | TP61 D2 | |
| C858 F3 | R120 A4 | R7A9 D6 | TP62 D2 | |
| C859 G3 | R121 A5 | R7B0 C6 | TP63 D2 | |
| C861 F3 | R122 A5 | R7B1 C6 | TP64 E1 | |
| C862 F3 | R123 A5 | R7B2 C6 | TP65 C1 | |
| C863 F3 | R124 A4 | R7B3 D6 | TP66 B1 | |
| C864 F3 | R126 A4 | R7B5 C5 | TP67 E1 | |
| C865 F2 | R127 A2 | R7B6 C5 | TP68 E1 | |
| C866 F2 | R129 B3 | R7B7 D6 | TP69 B1 | |
| C867 F2 | R130 A3 | R7D0 D8 | TP6A D1 | |
| C870 E3 | R1F1 F9 | R7D1 D7 | TP6B D1 | |
| C875 E3 | R1F2 E3 | R7D2 C7 | TP71 D1 | |
| C881 E4 | R1F3 F8 | R7E0 C9 | TP72 C9 | |
| C882 E4 | R1F6 F7 | R7E1 C9 | TP73 A10 | |
| C884 G4 | R1F7 F9 | R7E3 D8 | TP74 C8 | |
| C887 E7 | R1G0 G10 | R802 G6 | TP75 C10 | |
| C891 E2 | R1G1 G10 | R803 G6 | TP76 B5 | |
| C901 E10 | R1G2 G9 | R805 F6 | TP77 C6 | |
| C904 E10 | R1G3 F9 | R807 F5 | TP78 D9 | |
| C907 E9 | R1G4 F9 | R809 F5 | TP79 A9 | |
| C908 E9 | R1G5 F9 | R812 F5 | TP81 E2 | |
| C911 E9 | R1G6 G8 | R813 F4 | TP82 C3 | |
| D101 B4 | R1G7 G9 | R814 F4 | TP83 G6 | |

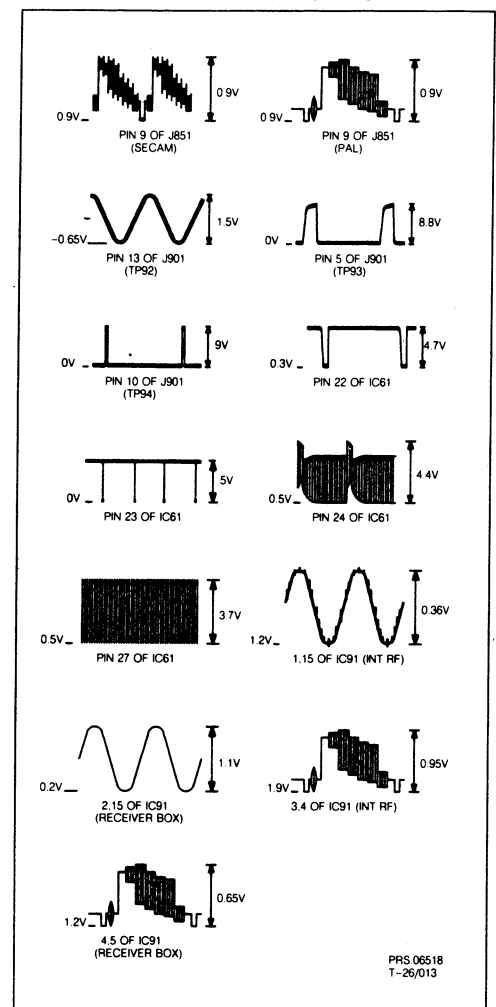




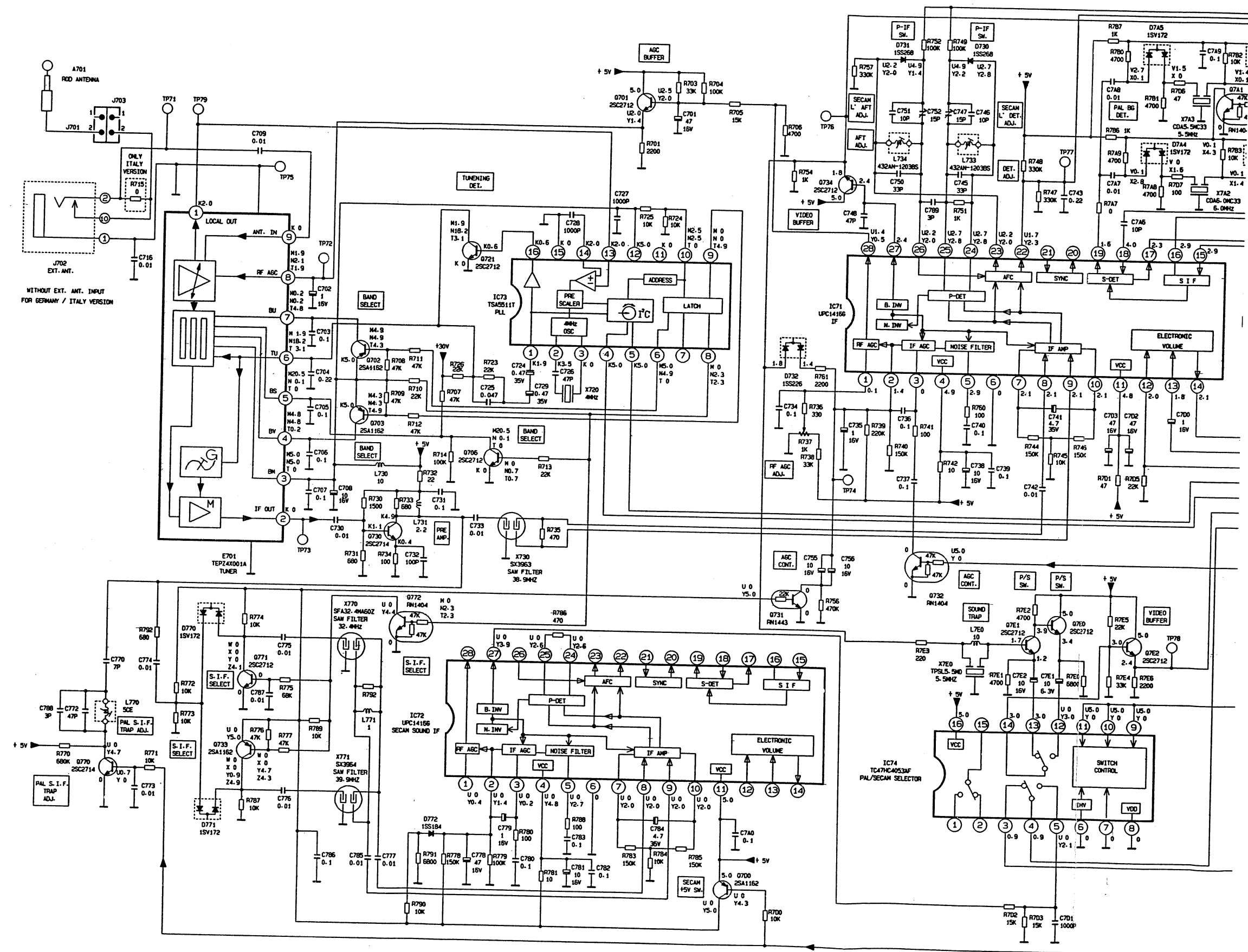
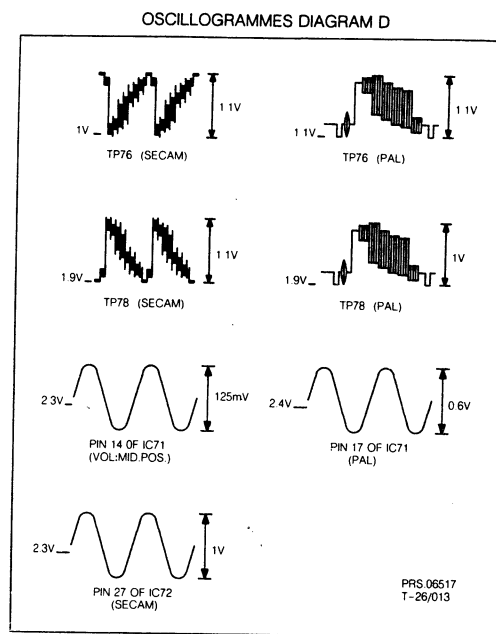


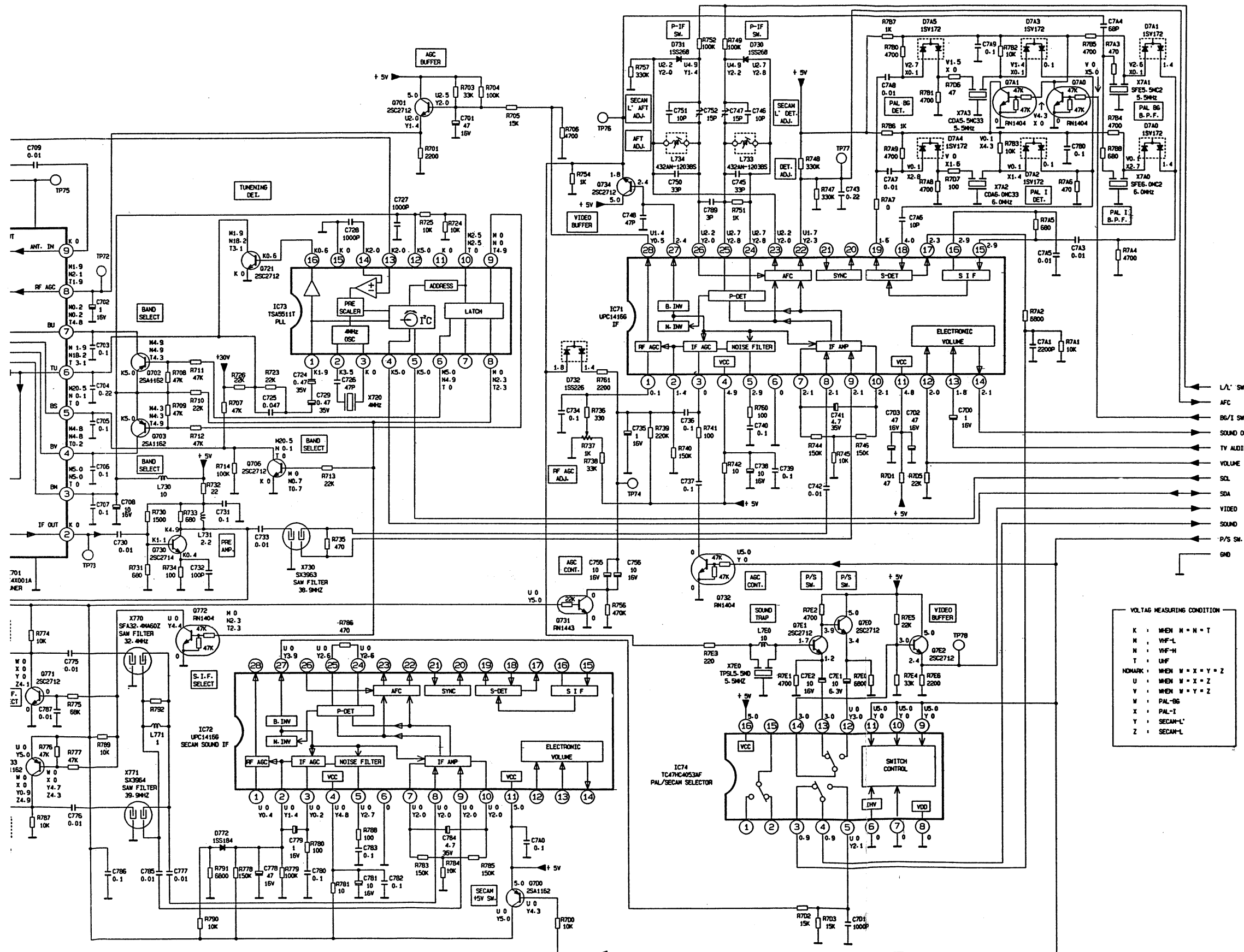


OSCILLOGRAMMES DIAGRAM C



SCHEMATIC DIAGRAM D










MECHANICAL PARTSLIST

| | | |
|------|----------------|----------------------------|
| 001B | 4822 432 10845 | Casinghalf, front |
| 002B | 4822 466 61908 | Rubber pad |
| 003B | 4822 450 61561 | Window 03LC1000 |
| 003B | 4822 450 61562 | Window 03LC1040 |
| 004B | 4822 535 93086 | Pin for UP/DWN button |
| 005B | 4822 492 33158 | Spring for UP/DWN button |
| 006B | 4822 410 60694 | VOL/BRI/COL UP/DOWN button |
| 007B | 4822 410 60695 | TUNE/PRESET UP/DOWN button |
| 010B | 4822 381 11118 | Lens (for temp indication) |
| 011B | 4822 410 60697 | MODE Button |
| 012B | 4822 410 60696 | RECALL Button |
| 013B | 4822 413 31608 | POWER Knob |
| 015B | 4822 410 60698 | Reject button |
| 016B | 4822 410 60699 | Store button |
| 017B | 4822 413 31609 | System switch knob |
| 019B | 4822 256 91629 | Holder (for system knob) |
| 030B | 4822 401 11341 | Clamp for speaker |
| 032B | 4822 502 13619 | Screw for rod antenna |
| 037B | 4822 466 10587 | Foil for backlight |
| 038B | 4822 466 70685 | Diffusor for backlight |
| 040B | 4822 381 11117 | Lens |
| 043B | 4822 502 13621 | Screw for retainer |
| 051B | 4822 432 92638 | Casinghalf ,rear |
| 054B | 4822 290 81346 | Contacter for battery |
| 055B | 4822 502 13621 | Screw for rear case |
| 101B | 4822 432 92639 | Battery case |
| 102B | 4822 290 81348 | + Terminal plate |
| 103B | 4822 290 81349 | +/- Terminal plate |
| 104B | 4822 290 81351 | - Terminal plate |
| 105B | 4822 290 81352 | CHARGE Terminal |
| 107B | 4822 290 81347 | Contacter |
| 108B | 4822 502 13203 | Screw |
| 109B | 4822 432 92637 | Cover for contacter |
| 110B | 4822 502 13203 | Screw for cover |
| 111B | 4822 492 70603 | Spring |
| 113B | 4822 462 10427 | Stand |
| 114B | 4822 404 31091 | Holder for stand |
| 116B | 4822 432 92641 | Lid battery pack |
| J1H1 | 4822 267 31204 | Sensor 2p |
| J101 | 4822 265 30656 | DC Jack |
| J301 | 4822 267 31206 | LCD panel 14p |
| J501 | 4822 267 31201 | Phone Jack |
| J502 | 4822 267 31204 | Speaker Jack |
| J702 | 4822 267 40882 | EXT ANT Jack (not for /08) |
| J703 | 4822 267 31204 | Rod antenna connector |
| J851 | 4822 267 31202 | AV Jack |
| J901 | 4822 267 50998 | Receiver box 14p |
| S101 | 4822 277 21402 | Power switch |
| S601 | 4822 277 21403 | PAL/SECAM Selector |
| S603 | 4822 276 12915 | SEACH/PRESET Switch |
| S602 | 4822 276 12455 | UP Switch |
| S604 | 4822 276 12455 | DOWN Switch |
| S605 | 4822 276 12915 | CH CALL Switch |
| S606 | 4822 276 12915 | MODE Switch |
| S607 | 4822 276 12455 | CH(-) Switch |
| S608 | 4822 276 12915 | DELETE Switch |
| S609 | 4822 276 12915 | STORE Switch |
| S610 | 4822 276 12455 | CH(+) Switch |

| | | |
|--------------------|----------------|--------------------|
| LP11 | 4822 134 80175 | Fluorescentie lamp |
| A701 | 4822 303 30369 | Rod antenna |
| PL31 | 4822 130 90845 | LCD Panel LQ424P01 |
| SP51 | 4822 240 30548 | Speaker |
| Accessories | | |
| | 4822 242 50063 | Mono Earphone |
| | 4822 272 10275 | AC adapter (220V) |
| | 4822 272 10276 | AC adapter (240V) |
| | 4822 263 50183 | RF-Antenna adapter |

ELECTRICAL PARTLIST





| | | | | | | | | |
|---|----------------|----------------------------|---|----------------|------------|---|----|--|
|  | | |  | | |  | | |
| F101 | 4822 253 30333 | 1,25A 125V | C302 | 4822 122 32686 | 100pF | C729 | 48 | |
| F102 | 4822 253 30332 | 0,75A 250V | C304 | 4822 122 33714 | 0,1µF | C730 | 48 | |
| Jacks and Connectors | | | C305 | 4822 122 33712 | 470pF | C731 | 48 | |
| J1F1 | 4822 267 31205 | Backlight 2p | C306 | 4822 122 32693 | 33pF | C732 | 48 | |
| J1F2 | 4822 267 31203 | Backlight 2p | C308 | 4822 122 32669 | 0,047µF | C733 | 48 | |
| J1H1 | 4822 267 31204 | Sensor 2p | C501 | 4822 124 22725 | 10µF 16V | C734 | 48 | |
| J101 | 4822 265 30656 | DC Jack | C502 | 4822 122 33714 | 0,1µF | C735 | 48 | |
| J301 | 4822 267 31206 | LCD panel 14p | C503 | 4822 124 22728 | 100µF 16V | C736 | 48 | |
| J501 | 4822 267 31201 | Phone Jack | C504 | 4822 122 32672 | 1,0µF 16V | C737 | 48 | |
| J502 | 4822 267 31204 | Speaker Jack | C505 | 4822 122 32672 | 1,0µF 16V | C738 | 48 | |
| J702 | 4822 267 40882 | EXT ANT Jack (not for /08) | C506 | 4822 122 32669 | 0,047µF | C739 | 48 | |
| J703 | 4822 267 31204 | Rod antenna connector | C507 | 4822 124 22728 | 100µF 16V | C740 | 48 | |
| J851 | 4822 267 31202 | AV Jack | C508 | 4822 122 32672 | 1,0µF 16V | C741 | 48 | |
| J901 | 4822 267 50998 | Receiver box 14p | C510 | 4822 124 22728 | 100µF 16V | C742 | 48 | |
|  | | | C511 | 4822 122 32672 | 1,0µF 16V | C743 | 48 | |
| S101 | 4822 277 21402 | Power switch | C512 | 4822 122 32672 | 1,0µF 16V | C745 | 48 | |
| S601 | 4822 277 21403 | PAL/SECAM Selector | C513 | 4822 122 32686 | 100pF | C746 | 48 | |
| S603 | 4822 276 12915 | SEACH/PRESET Switch | C514 | 4822 122 33714 | 0,1µF | C747 | 48 | |
| S602 | 4822 276 12455 | UP Switch | C515 | 4822 122 32697 | 2200pF | C748 | 48 | |
| S604 | 4822 276 12455 | DOWN Switch | C516 | 4822 124 22727 | 47µF 16V | C750 | 48 | |
| S605 | 4822 276 12915 | CH CALL Switch | C601 | 4822 122 33689 | 0,01µF | C751 | 48 | |
| S606 | 4822 276 12915 | MODE Switch | C602 | 4822 122 33689 | 0,01µF | C752 | 48 | |
| S607 | 4822 276 12455 | CH(-) Switch | C603 | 4822 122 33689 | 0,01µF | C755 | 48 | |
| S608 | 4822 276 12915 | DELETE Switch | C604 | 4822 122 33689 | 0,01µF | C756 | 48 | |
| S609 | 4822 276 12915 | STORE Switch | C605 | 4822 122 33689 | 0,01µF | C770 | 48 | |
| S610 | 4822 276 12455 | CH(+) Switch | C615 | 4822 122 32694 | 47pF | C772 | 48 | |
|  | | | C616 | 4822 122 32694 | 47pF | C773 | 48 | |
| C1F2 | 4822 121 20256 | 0,068µF 10% | C617 | 4822 122 32694 | 47pF | C774 | 48 | |
| C1F3 | 4822 124 22728 | 100µF 16V | C619 | 4822 124 22725 | 10µF 16V | C775 | 48 | |
| C1F4 | 4822 121 20255 | 0,1µF 10% | C620 | 4822 122 33714 | 0,1µF | C776 | 48 | |
| C1F6 | 4822 126 10829 | 82pF 2kV | C622 | 4822 122 32672 | 1,0µF 16V | C777 | 48 | |
| C1F7 | 4822 122 33714 | 0,1µF | C633 | 4822 122 32672 | 1,0µF 16V | C778 | 48 | |
| C1F8 | 4822 124 22725 | 10µF 16V | C628 | 4822 122 33714 | 0,1µF | C779 | 48 | |
| C1F9 | 4822 122 33714 | 0,1µF | C629 | 4822 122 32672 | 1,0µF 16V | C780 | 48 | |
| C1H1 | 4822 122 32701 | 0,022µF | C630 | 4822 122 33714 | 0,1µF | C781 | 48 | |
| C1H2 | 4822 122 32701 | 0,022µF | C631 | 4822 122 32686 | 100pF | C782 | 48 | |
| C101 | 4822 124 22728 | 100µF 16V | C7A0 | 4822 122 33714 | 0,1µF | C783 | 48 | |
| C102 | 4822 124 22728 | 100µF 16V | C7A1 | 4822 122 32697 | 2200pF | C784 | 48 | |
| C103 | 4822 122 32672 | 1,0µF 16V | C7A3 | 4822 122 33689 | 0,01µF | C785 | 48 | |
| C104 | 4822 122 32701 | 0,022µF | C7A4 | 4822 122 32695 | 68pF | C786 | 48 | |
| C105 | 4822 122 33689 | 0,01µF | C7A5 | 4822 122 33689 | 0,01µF | C787 | 48 | |
| C106 | 4822 124 22728 | 100µF 16V | C7A6 | 4822 122 33129 | 10pF | C788 | 48 | |
| C107 | 4822 122 33689 | 0,01µF | C7A7 | 4822 122 33689 | 0,01µF | C802 | 48 | |
| C108 | 4822 124 22727 | 47µF 16V | C7A8 | 4822 122 33689 | 0,01µF | C803 | 48 | |
| C109 | 4822 124 22726 | 4,7µF 35V | C7A9 | 4822 122 33714 | 0,1µF | C804 | 48 | |
| C110 | 4822 122 32697 | 2200pF | C7B0 | 4822 122 33714 | 0,1µF | C805 | 48 | |
| C111 | 4822 124 22726 | 4,7µF 35V | C7D0 | 4822 122 32672 | 1,0µF 16V | C807 | 48 | |
| C112 | 4822 124 22726 | 4,7µF 35V | C7D1 | 4822 122 32665 | 0,001µF | C808 | 48 | |
| C113 | 4822 124 22727 | 47µF 16V | C7D2 | 4822 124 22727 | 47µF 16V | C809 | 48 | |
| C114 | 4822 124 22727 | 47µF 16V | C7D3 | 4822 124 22727 | 47µF 16V | C810 | 48 | |
| C115 | 4822 124 22728 | 100µF 16V | C7E1 | 4822 124 41839 | 10µF 6,3V | C811 | 48 | |
| C116 | 4822 124 22728 | 100µF 16V | C7E2 | 4822 124 22725 | 10µF 16V | C812 | 48 | |
| C117 | 4822 124 22728 | 100µF 16V | C701 | 4822 124 22727 | 47µF 16V | C813 | 48 | |
| C118 | 4822 124 22727 | 47µF 16V | C702 | 4822 122 32672 | 1,0µF 16V | C815 | 48 | |
| C119 | 4822 124 22727 | 47µF 16V | C703 | 4822 122 33714 | 0,1µF | C816 | 48 | |
| C120 | 4822 124 22726 | 4,7µF 35V | C704 | 4822 122 32843 | 0,22µF | C817 | 48 | |
| C121 | 4822 124 22726 | 4,7µF 35V | C705 | 4822 122 33714 | 0,1µF | C818 | 48 | |
| C123 | 4822 122 32703 | 330pF | C706 | 4822 122 33714 | 0,1µF | C819 | 48 | |
| C125 | 4822 122 32672 | 1,0µF 16V | C707 | 4822 122 33714 | 0,1µF | C820 | 48 | |
| C301 | 4822 122 33714 | 0,1µF | C708 | 4822 124 22725 | 10µF 16V | C821 | 48 | |
| | | | C709 | 4822 122 33689 | 0,01µF | C822 | 48 | |
| | | | C716 | 4822 122 33689 | 0,01µF | C823 | 48 | |
| | | | C724 | 4822 124 23127 | 0,47µF 35V | C825 | 48 | |
| | | | C725 | 4822 122 32669 | 0,047µF | C826 | 48 | |
| | | | C726 | 4822 122 32694 | 47pF | C828 | 48 | |
| | | | C727 | 4822 122 32665 | 0,001µF | C829 | 48 | |
| | | | C728 | 4822 122 32665 | 0,001µF | | | |



ELECTRICAL PARTLIST



scenie lamp
antenna
panel LQ424P01
3r


Earphone
adapter (220V)


Antenna adapter



| | | | | | |
|---|----------------|----------------------------|--|----------------|------------|
|  | | |  | | |
| F101 | 4822 253 30333 | 1,25A 125V | C302 | 4822 122 32686 | 100pF |
| F102 | 4822 253 30332 | 0,75A 250V | C304 | 4822 122 33714 | 0,1µF |
| Jacks and Connectors | | | C305 | 4822 122 33712 | 470pF |
| J1F1 | 4822 267 31205 | Backlight 2p | C306 | 4822 122 32693 | 33pF |
| J1F2 | 4822 267 31203 | Backlight 2p | C308 | 4822 122 32669 | 0,047µF |
| J1H1 | 4822 267 31204 | Sensor 2p | C501 | 4822 124 22725 | 10µF 16V |
| J101 | 4822 265 30656 | DC Jack | C502 | 4822 122 33714 | 0,1µF |
| J301 | 4822 267 31206 | LCD panel 14p | C503 | 4822 124 22728 | 100µF 16V |
| J501 | 4822 267 31201 | Phone Jack | C504 | 4822 122 32672 | 1,0µF 16V |
| J502 | 4822 267 31204 | Speaker Jack | C505 | 4822 122 32672 | 1,0µF 16V |
| J702 | 4822 267 40882 | EXT ANT Jack (not for /08) | C506 | 4822 122 32669 | 0,047µF |
| J703 | 4822 267 31204 | Rod antenna connector | C507 | 4822 124 22728 | 100µF 16V |
| J851 | 4822 267 31202 | AV Jack | C508 | 4822 122 32672 | 1,0µF 16V |
| J901 | 4822 267 50998 | Receiver box 14p | C510 | 4822 124 22728 | 100µF 16V |
|  | | | C511 | 4822 122 32672 | 1,0µF 16V |
| S101 | 4822 277 21402 | Power switch | C512 | 4822 122 32672 | 1,0µF 16V |
| S601 | 4822 277 21403 | PAL/SECAM Selector | C513 | 4822 122 32686 | 100pF |
| S603 | 4822 276 12915 | SEARCH/PRESET Switch | C514 | 4822 122 33714 | 0,1µF |
| S602 | 4822 276 12455 | UP Switch | C515 | 4822 122 32697 | 2200pF |
| S604 | 4822 276 12455 | DOWN Switch | C516 | 4822 124 22727 | 47µF 16V |
| S605 | 4822 276 12915 | CH CALL Switch | C601 | 4822 122 33689 | 0,01µF |
| S606 | 4822 276 12915 | MODE Switch | C602 | 4822 122 33689 | 0,01µF |
| S607 | 4822 276 12455 | CH(-) Switch | C603 | 4822 122 33689 | 0,01µF |
| S608 | 4822 276 12915 | DELETE Switch | C604 | 4822 122 33689 | 0,01µF |
| S609 | 4822 276 12915 | STORE Switch | C605 | 4822 122 33689 | 0,01µF |
| S610 | 4822 276 12455 | CH(+) Switch | C615 | 4822 122 32694 | 47pF |
|  | | | C616 | 4822 122 32694 | 47pF |
| C1F2 | 4822 121 20256 | 0,068µF 10% | C617 | 4822 122 32694 | 47pF |
| C1F3 | 4822 124 22728 | 100µF 16V | C619 | 4822 124 22725 | 10µF 16V |
| C1F4 | 4822 121 20255 | 0,1µF 10% | C620 | 4822 122 33714 | 0,1µF |
| C1F6 | 4822 126 10829 | 82pF 2kV | C622 | 4822 122 32672 | 1,0µF 16V |
| C1F7 | 4822 122 33714 | 0,1µF | C633 | 4822 122 32672 | 1,0µF 16V |
| C1F8 | 4822 124 22725 | 10µF 16V | C628 | 4822 122 33714 | 0,1µF |
| C1F9 | 4822 122 33714 | 0,1µF | C629 | 4822 122 32672 | 1,0µF 16V |
| C1H1 | 4822 122 32701 | 0,022µF | C630 | 4822 122 33714 | 0,1µF |
| C1H2 | 4822 122 32701 | 0,022µF | C631 | 4822 122 32686 | 100pF |
| C101 | 4822 124 22728 | 100µF 16V | C7A0 | 4822 122 33714 | 0,1µF |
| C102 | 4822 124 22728 | 100µF 16V | C7A1 | 4822 122 32697 | 2200pF |
| C103 | 4822 122 32672 | 1,0µF 16V | C7A3 | 4822 122 33689 | 0,01µF |
| C104 | 4822 122 32701 | 0,022µF | C7A4 | 4822 122 32695 | 68pF |
| C105 | 4822 122 33689 | 0,01µF | C7A5 | 4822 122 33689 | 0,01µF |
| C106 | 4822 124 22728 | 100µF 16V | C7A6 | 4822 122 33129 | 10pF |
| C107 | 4822 122 33689 | 0,01µF | C7A7 | 4822 122 33689 | 0,01µF |
| C108 | 4822 124 22727 | 47µF 16V | C7A8 | 4822 122 33689 | 0,01µF |
| C109 | 4822 124 22726 | 4,7µF 35V | C7A9 | 4822 122 33714 | 0,1µF |
| C110 | 4822 122 32697 | 2200pF | C7B0 | 4822 122 33714 | 0,1µF |
| C111 | 4822 124 22726 | 4,7µF 35V | C7D0 | 4822 122 32672 | 1,0µF 16V |
| C112 | 4822 124 22726 | 4,7µF 35V | C7D1 | 4822 122 32665 | 0,001µF |
| C113 | 4822 124 22727 | 47µF 16V | C7D2 | 4822 124 22727 | 47µF 16V |
| C114 | 4822 124 22727 | 47µF 16V | C7D3 | 4822 124 22727 | 47µF 16V |
| C115 | 4822 124 22728 | 100µF 16V | C7E1 | 4822 124 41839 | 10µF 6,3V |
| C116 | 4822 124 22728 | 100µF 16V | C7E2 | 4822 124 22725 | 10µF 16V |
| C117 | 4822 124 22728 | 100µF 16V | C701 | 4822 124 22727 | 47µF 16V |
| C118 | 4822 124 22727 | 47µF 16V | C702 | 4822 122 32672 | 1,0µF 16V |
| C119 | 4822 124 22727 | 47µF 16V | C703 | 4822 122 33714 | 0,1µF |
| C120 | 4822 124 22726 | 4,7µF 35V | C704 | 4822 122 32843 | 0,22µF |
| C121 | 4822 124 22726 | 4,7µF 35V | C705 | 4822 122 33714 | 0,1µF |
| C123 | 4822 122 32703 | 330pF | C706 | 4822 122 33714 | 0,1µF |
| C125 | 4822 122 32672 | 1,0µF 16V | C707 | 4822 122 33714 | 0,1µF |
| C301 | 4822 122 33714 | 0,1µF | C708 | 4822 124 22725 | 10µF 16V |
| | | | C709 | 4822 122 33689 | 0,01µF |
| | | | C716 | 4822 122 33689 | 0,01µF |
| | | | C724 | 4822 124 23127 | 0,47µF 35V |
| | | | C725 | 4822 122 32669 | 0,047µF |
| | | | C726 | 4822 122 32694 | 47pF |
| | | | C727 | 4822 122 32665 | 0,001µF |
| | | | C728 | 4822 122 32665 | 0,001µF |


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|---|----------------|--------------|---|----------------|-----------|
|  | | |  | | |
| C729 | 4822 124 23127 | 0,47µF 35V | C830 | 4822 122 32672 | 1,0µF 16V |
| C730 | 4822 122 33689 | 0,01µF | C831 | 4822 122 33714 | 0,1µF |
| C731 | 4822 122 33714 | 0,1µF | C832 | 4822 122 33714 | 0,1µF |
| C732 | 4822 122 32686 | 100pF | C833 | 4822 122 33714 | 0,1µF |
| C733 | 4822 122 33689 | 0,01µF | C834 | 4822 122 33714 | 0,1µF |
| C734 | 4822 122 33714 | 0,1µF | C835 | 4822 122 32672 | 1,0µF 16V |
| C735 | 4822 122 32672 | 1,0µF 16V | C836 | 4822 122 32921 | 150pF |
| C736 | 4822 122 33714 | 0,1µF | C837 | 4822 122 32672 | 1,0µF 16V |
| C737 | 4822 122 33714 | 0,1µF | C838 | 4822 122 32921 | 150pF |
| C738 | 4822 124 22725 | 10µF 16V | C839 | 4822 122 32672 | 1,0µF 16V |
| C739 | 4822 122 33714 | 0,1µF | C840 | 4822 122 32921 | 150pF |
| C740 | 4822 122 33714 | 0,1µF | C841 | 4822 122 33714 | 0,1µF |
| C741 | 4822 124 22726 | 4,7µF 35V | C842 | 4822 122 33714 | 0,1µF |
| C742 | 4822 122 33689 | 0,01µF | C843 | 4822 124 22727 | 47µF 16V |
| C743 | 4822 122 32843 | 0,22µF | C844 | 4822 122 33689 | 0,01µF |
| C745 | 4822 126 10828 | 39pF 5% | C845 | 4822 122 32693 | 33pF |
| C746 | 4822 122 33129 | 10pF | C846 | 4822 122 33714 | 0,1µF |
| C747 | 4822 125 60155 | 20pF Trimmer | C847 | 4822 122 32694 | 47pF |
| C748 | 4822 122 32694 | 47pF | C848 | 4822 122 32672 | 1,0µF 16V |
| C750 | 4822 126 10828 | 39 pF | C849 | 4822 122 33689 | 0,01µF |
| C751 | 4822 122 33129 | 10pF | C850 | 4822 122 33714 | 0,1µF |
| C752 | 4822 125 60155 | 20pF Trimmer | C851 | 4822 124 22728 | 100µF 16V |
| C755 | 4822 124 22725 | 10µF 16V | C852 | 4822 124 22727 | 47µF 16V |
| C756 | 4822 124 22725 | 10µF 16V | C853 | 4822 122 32693 | 33pF |
| C770 | 4822 126 10006 | 7pF CH | C855 | 4822 124 41839 | 10µF 6,3V |
| C772 | 4822 122 32694 | 47pF | C856 | 4822 122 32703 | 330pF |
| C773 | 4822 122 33689 | 0,01µF | C857 | 4822 122 32701 | 0,022µF |
| C774 | 4822 122 33689 | 0,01µF | C858 | 4822 122 32701 | 0,022µF |
| C775 | 4822 122 33689 | 0,01µF | C859 | 4822 122 32701 | 0,022µF |
| C776 | 4822 122 33689 | 0,01µF | C861 | 4822 122 33714 | 0,1µF |
| C777 | 4822 122 33689 | 0,01µF | C862 | 4822 122 33714 | 0,1µF |
| C778 | 4822 124 22727 | 47µF 16V | C863 | 4822 122 33132 | 22pF |
| C779 | 4822 122 32672 | 1,0µF 16V | C864 | 4822 122 33132 | 22pF |
| C780 | 4822 122 33714 | 0,1µF | C865 | 4822 122 32665 | 0,001µF |
| C781 | 4822 124 22725 | 10µF 16V | C866 | 4822 122 33135 | 220pF |
| C782 | 4822 122 33714 | 0,1µF | C867 | 4822 122 32672 | 1,0µF 16V |
| C783 | 4822 122 33714 | 0,1µF | C868 | 4822 122 33714 | 0,1µF |
| C784 | 4822 124 22726 | 4,7µF 35V | C869 | 4822 122 33135 | 220pF |
| C785 | 4822 122 33689 | 0,01µF | C870 | 4822 122 32672 | 1,0µF 16V |
| C786 | 4822 122 33714 | 0,1µF | C871 | 4822 122 32665 | 0,001µF |
| C787 | 4822 122 33689 | 0,01µF | C872 | 4822 122 33132 | 22pF |
| C788 | 4822 122 33709 | 3pF CJ | C873 | 4822 122 33132 | 22pF |
| C802 | 4822 122 32672 | 1,0µF 16V | C874 | 4822 122 33689 | 0,01µF |
| C803 | 4822 122 33138 | 680pF | C875 | 4822 122 33714 | 0,1µF |
| C804 | 4822 122 33129 | 10pF | C878 | 4822 122 32665 | 0,001µF |
| C805 | 4822 122 33132 | 22pF | C879 | 4822 122 32665 | 0,001µF |
| C807 | 4822 122 32695 | 68pF | C880 | 4822 122 32665 | 0,001µF |
| C808 | 4822 122 33689 | 0,01µF | C881 | 4822 122 32701 | 0,022µF |
| C809 | 4822 122 33689 | 0,01µF | C882 | 4822 122 32701 | 0,022µF |
| C810 | 4822 122 32672 | 1,0µF 16V | C883 | 4822 122 33689 | 0,01µF |
| C811 | 4822 122 32672 | 1,0µF 16V | C884 | 4822 122 33689 | 0,01µF |
| C812 | 4822 122 33714 | 0,1µF | C885 | 4822 122 32665 | 0,001µF |
| C813 | 4822 122 33714 | 0,1µF | C886 | 4822 122 32694 | 47pF |
| C815 | 4822 122 33714 | 0,1µF | C887 | 4822 122 32697 | 2200pF |
| C816 | 4822 122 33714 | 0,1µF | C889 | 4822 124 22725 | 10µF 16V |
| C817 | 4822 122 33714 | 0,1µF | C901 | 4822 122 33714 | 0,1µF |
| C818 | 4822 122 33714 | 0,1µF | C902 | 4822 124 22727 | 47µF 16V |
| C819 | 4822 122 33714 | 0,1µF | C903 | 4822 122 32665 | 0,001µF |
| C820 | 4822 122 32672 | 1,0µF 16V | C904 | 4822 122 32665 | 0,001µF |
| C821 | 4822 124 22725 | 10µF 16V | C905 | 4822 122 32672 | 1,0µF 16V |
| C822 | 4822 124 23127 | 0,47µF 35V | C906 | 4822 124 22725 | 10µF 16V |
| C823 | 4822 122 33714 | 0,1µF | C907 | 4822 124 41839 | 10µF 6,3V |
| C825 | 4822 122 32672 | 1,0µF 16V | C908 | 4822 124 41839 | 10µF 6,3V |
| C826 | 4822 122 32695 | 68pF | C909 | 4822 122 32694 | 47pF |
| C828 | 4822 122 32672 | 1,0µF 16V | C910 | 4822 122 32694 | 47pF |
| C829 | 4822 122 32672 | 1,0µF 16V | C911 | 4822 122 32672 | 1,0µF 16V |
| | | | C912 | 4822 124 22725 | 10µF 16V |


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|  | | | |
| R1F1 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R1F2 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R1F3 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R1F4 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R1F5 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R1F6 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R1F7 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R1G0 | 4822 111 90901 | 150KΩ 5% 1/16W | |
| R1G1 | 4822 111 90901 | 150KΩ 5% 1/16W | |
| R1G2 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R1G3 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R1G4 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R1G5 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R1G6 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R1G7 | 4822 111 90901 | 150KΩ 5% 1/16W | |
| R1G8 | 4822 111 90901 | 150KΩ 5% 1/16W | |
| R1G9 | 4822 111 90901 | 150KΩ 5% 1/16W | |
| R1H1 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R1H2 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R1H3 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R1H4 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R1H5 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R1H6 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R1H7 | 4822 116 30406 | 200kΩ NTH300WE204 | |
| R1K0 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R1K1 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R1K3 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R1K4 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R101 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R102 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R103 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R104 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R105 | 4822 100 11604 | 1kΩ Trimmer | |
| R106 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R107 | 4822 116 82487 | 0Ω | |
| R108 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R109 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R112 | 4822 051 30224 | 220kΩ 5% 1/16W | |
| R113 | 4822 051 30684 | 680kΩ 5% 1/16W | |
| R114 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R115 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R116 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R117 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R118 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R119 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R120 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R121 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R122 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R123 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R124 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R126 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R127 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R128 | 4822 111 91459 | 22Ω 5% 1/16W | |
| R129 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R130 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R301 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R302 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R303 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R309 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R311 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R312 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R313 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R315 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R316 | 4822 051 30223 | 22kΩ 5% 1/16W | |
|  | | | |
| R317 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R501 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R502 | 4822 100 11605 | 10kΩ Trimmer | |
| R503 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R504 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R505 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R506 | 4822 051 30109 | 10Ω 5% 1/16W | |
| R507 | 4822 116 82124 | Fusible 10Ω | |
| R508 | 4822 116 82124 | Fusible 10Ω | |
| R509 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R511 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R512 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R516 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R517 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R518 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R519 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R520 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R521 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R522 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R523 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R524 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R525 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R526 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R527 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R528 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R529 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R530 | 4822 111 91459 | 100Ω 5% 1/16W | |
| R531 | 4822 111 91459 | 100Ω 5% 1/16W | |
| R603 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R604 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R605 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R606 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R607 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R608 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R609 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R610 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R611 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R612 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R613 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R614 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R615 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R616 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R618 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R619 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R620 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R621 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R622 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R623 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R625 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R626 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R628 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R632 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R633 | 4822 051 30474 | 470kΩ 5% 1/16W | |
| R7A1 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7A2 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R7A3 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R7A4 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7A5 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R7A6 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R7A7 | 4822 116 82487 | 0Ω 5% 1/16W | |
| R7A8 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7A9 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B0 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B1 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B2 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7B3 | 4822 051 30103 | 10kΩ 5% 1/16W | |


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|  | | | |
| R7B4 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B5 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B6 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R7B7 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R7B8 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R7D0 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7D1 | 4822 051 30759 | 75Ω 5% 1/16W | |
| R7D2 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R7D3 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R7D4 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7D5 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R7D6 | 4822 051 30479 | 47Ω 5% 1/16W | |
| R7D7 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R7E0 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R7E1 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7E2 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7E3 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R7E4 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R7E5 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R7E6 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R701 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R703 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R704 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R705 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R706 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R707 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R708 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R709 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R710 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R711 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R712 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R713 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R714 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R715 | 4822 116 82487 | 0Ω (only for J08) | |
| R723 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R724 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R725 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R726 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R730 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R731 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R732 | 4822 051 30229 | 22Ω 5% 1/16W | |
| R733 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R734 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R735 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R736 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R737 | 4822 100 11604 | 1kΩ Trimmer | |
| R738 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R739 | 4822 051 30224 | 220kΩ 5% 1/16W | |
| R740 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R741 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R742 | 4822 051 30109 | 10Ω 5% 1/16W | |
| R744 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R745 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R746 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R747 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R748 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R749 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R751 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R752 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R754 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R756 | 4822 051 30474 | 470kΩ 5% 1/16W | |
| R757 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R760 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R761 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R770 | 4822 051 30684 | 680kΩ 5% 1/16W | |
| R771 | 4822 051 30103 | 10kΩ 5% 1/16W | |


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| R772 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R773 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R774 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R775 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R776 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R777 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R778 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R779 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R780 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R781 | 4822 051 30109 | 10Ω 5% 1/16W | |
| R783 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R784 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R785 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R786 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R787 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R788 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R789 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R790 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R791 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R792 | 4822 051 30681 | 680Ω 5% 1/16W | |
| R8A1 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R8A2 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R8A3 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R8A4 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R8A5 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R8A6 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R8B1 | 4822 051 30105 | 1MΩ 5% 1/16W | </ |

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|---|----------------|-------------------|--|
| R7B4 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B5 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7B6 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R7B7 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R7B8 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R7D0 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7D1 | 4822 051 30759 | 75Ω 5% 1/16W | |
| R7D2 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R7D3 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R7D4 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R7D5 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R7D6 | 4822 051 30479 | 47Ω 5% 1/16W | |
| R7D7 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R7E0 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R7E1 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7E2 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R7E3 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R7E4 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R7E5 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R7E6 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R701 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R703 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R704 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R705 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R706 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R707 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R708 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R709 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R710 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R711 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R712 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R713 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R714 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R715 | 4822 116 82487 | 0Ω (only for /08) | |
| R723 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R724 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R725 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R726 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R730 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R731 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R732 | 4822 051 30229 | 22Ω 5% 1/16W | |
| R733 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R734 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R735 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R736 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R737 | 4822 100 11604 | 1kΩ Trimmer | |
| R738 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R739 | 4822 051 30224 | 220kΩ 5% 1/16W | |
| R740 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R741 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R742 | 4822 051 30109 | 10Ω 5% 1/16W | |
| R744 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R745 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R746 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R747 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R748 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R749 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R751 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R752 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R754 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R756 | 4822 051 30474 | 470kΩ 5% 1/16W | |
| R757 | 4822 051 30334 | 330kΩ 5% 1/16W | |
| R760 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R761 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R770 | 4822 051 30684 | 680kΩ 5% 1/16W | |
| R771 | 4822 051 30103 | 10kΩ 5% 1/16W | |
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| R772 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R773 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R774 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R775 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R776 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R777 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R778 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R779 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R780 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R781 | 4822 051 30109 | 10Ω 5% 1/16W | |
| R783 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R784 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R785 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R786 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R787 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R788 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R789 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R790 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R791 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R792 | 4822 051 30681 | 680Ω 5% 1/16W | |
| R8A1 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R8A2 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R8A3 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R8A4 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R8A5 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R8A6 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R8B1 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R8B2 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R8B3 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R801 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R802 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R803 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R804 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R805 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R806 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R807 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R808 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R809 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R811 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R812 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R813 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R814 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R815 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R816 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R819 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R820 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R822 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R823 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R824 | 4822 100 11605 | 10kΩ Trimmer | |
| R825 | 4822 051 30333 | 33kΩ 5% 1/16 | |
| R826 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R827 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R828 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R830 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R831 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R832 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R833 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R834 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R835 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R836 | 4822 051 30105 | 1MΩ 5% 1/16W | |
| R837 | 4822 051 30221 | 220Ω 5% 1/16W | |
| R838 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R839 | 4822 051 30224 | 220kΩ 5% 1/16W | |
| R840 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R841 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R842 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |

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| R851 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R852 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R853 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R854 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R855 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R856 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R857 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R858 | 4822 051 30471 | 470Ω 5% 1/16W | |
| R859 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R860 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R861 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R862 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R863 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R864 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R865 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R866 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R867 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R868 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R869 | 4822 100 11604 | 1kΩ Trimmer | |
| R870 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R871 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R872 | 4822 051 30154 | 150kΩ 5% 1/16W | |
| R873 | 4822 051 30104 | 100kΩ 5% 1/16W | |
| R874 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R875 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R876 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R877 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R878 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R879 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R880 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R881 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R882 | 4822 051 30331 | 330Ω 5% 1/16W | |
| R883 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R884 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R885 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R886 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R887 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R888 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R889 | 4822 051 30152 | 1,5kΩ 5% 1/16W | |
| R890 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R891 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R892 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R893 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R894 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R896 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R897 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R898 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R899 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R901 | 4822 051 30222 | 2,2kΩ 5% 1/16W | |
| R903 | 4822 051 30759 | 75Ω 5% 1/16W | |
| R904 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R905 | 4822 051 30683 | 68kΩ 5% 1/16W | |
| R906 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R907 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R908 | 4822 051 30332 | 3,3kΩ 5% 1/16W | |
| R909 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R910 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R911 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R912 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R913 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R914 | 4822 051 30223 | 22kΩ 5% 1/16W | |
| R915 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R916 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R917 | 4822 051 30102 | 1kΩ 5% 1/16W | |
| R918 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R919 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |

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| R920 | 4822 051 30684 | 680Ω 5% 1/16W | |
| R921 | 4822 051 30682 | 6,8kΩ 5% 1/16W | |
| R922 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R923 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R924 | 4822 051 30333 | 33kΩ 5% 1/16W | |
| R925 | 4822 051 30153 | 15kΩ 5% 1/16W | |
| R926 | 4822 051 30103 | 10kΩ 5% 1/16W | |
| R927 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R928 | 4822 051 30101 | 100Ω 5% 1/16W | |
| R929 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R930 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R931 | 4822 051 30473 | 47kΩ 5% 1/16W | |
| R932 | 4822 051 30472 | 4,7kΩ 5% 1/16W | |
| R933 | 4822 051 30759 | 75Ω 5% 1/16W | |
| R934 | 4822 051 30229 | 22Ω 5% 1/16W | |
| R935 | 4822 051 30684 | 680kΩ 5% 1/16W | |
| R940 | 4822 116 82124 | Fusible 10Ω | |

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| L1F1 | 4822 157 53867 | 220μH | |
| L1F2 | 4822 157 53867 | 220μH | |
| L101 | 4822 157 53867 | 220μH | |
| L102 | 4822 157 60429 | 1mH | |
| L103 | 4822 157 60431 | 470μH | |
| L104 | 4822 157 53865 | 100μH | |
| L105 | 4822 157 60431 | 470μH | |
| L106 | 4822 157 60429 | 1mH | |
| L601 | 4822 157 53872 | 10μH | |
| L7E0 | 4822 157 53872 | 10μH | |
| L730 | 4822 157 53872 | 10μH | |
| L731 | 4822 157 62322 | NL322522-330k | |
| L733 | 4822 157 62321 | 432AN-1203B | |
| L734 | 4822 157 62321 | 432AN-1203B | |
| L770 | 4822 157 60427 | 5CE | |
| L771 | 4822 157 53871 | 1μH | |
| L801 | 4822 157 60178 | NL322522-150k | |
| L802 | 4822 157 60423 | 5CD-1 | |
| L803 | 4822 157 53874 | NL322522-151k | |
| L804 | 4822 157 62319 | 4FW-2706LGD | |
| L805 | 4822 157 60178 | NL322522-150k | |
| L806 | 4822 157 60425 | 5CD-1530 | |
| L807 | 4822 157 60422 | 5CD-1527 | |
| L808 | 4822 157 60422 | 5CD-1527 | |
| L809 | 4822 157 60422 | 5CD-1527 | |
| L810 | 4822 157 60421 | 4FS-4292 | |
| L811 | 4822 157 53875 | NL322522-220k | |
| T1F1 | 4822 146 21528 | Backlight transformer | |
| T1F2 | 4822 146 21527 | Heater transformer | |
| T101 | 4822 146 30835 | Power supply TS5796 | |

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| D1F2 | 4822 130 81089 | 1SS226 | |
| D1H1 | 4822 130 80326 | LT3D8B (LED) | |
| D101 | 4822 130 81166 | 1SS184 | |
| D102 | 4822 130 81166 | 1SS184 | |
| D103 | 4822 130 81167 | MA701 | |
| D104 | 4822 130 81167 | MA701 | |
| D105 | 4822 130 81166 | 1SS184 | |
| D107 | 4822 130 81089 | 1SS226 | |
| D301 | 4822 130 81166 | 1SS184 | |
| D302 | 4822 130 81089 | 1SS226 | |
| D304 | 4822 130 81166 | 1SS184 | |
| D7A0 | 4822 130 81711 | 1SV172 | |
| D7A1 | 4822 130 81711 | 1SV172 | |



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| D7A2 | 4822 130 81711 | 1SV172 |
| D7A3 | 4822 130 81711 | 1SV172 |
| D7A4 | 4822 130 81711 | 1SV172 |
| D7A5 | 4822 130 81711 | 1SV172 |
| D730 | 4822 130 81168 | 1SS268 |
| D731 | 4822 130 81168 | 1SS268 |
| D732 | 4822 130 81089 | 1SS226 |
| D770 | 4822 130 81711 | 1SV172 |
| D771 | 4822 130 81711 | 1SV172 |
| D772 | 4822 130 81166 | 1SS184 |
| D803 | 4822 130 81089 | 1SS226 |
| D901 | 4822 130 81166 | 1SS184 |
| D902 | 4822 130 81167 | MA701 |
| D903 | 4822 130 81166 | 1SS184 |
| Z1F1 | 4822 130 81169 | 02CZ5,6Y |
| Z1F2 | 4822 130 81169 | 02CZ5,6Y |
| Z101 | 4822 130 81169 | 02CZ5,6Y |



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| Q1F2 | 4822 130 42733 | 2SA1162 |
| Q1F3 | 4822 130 42733 | 2SA1162 |
| Q1F4 | 4822 130 43398 | 2SC2712 |
| Q1F5 | 4822 130 61425 | 2SC2873 |
| Q1F6 | 4822 130 61425 | 2SC2873 |
| Q1F7 | 4822 130 61354 | 2SA1213 |
| Q1F8 | 4822 130 61425 | 2SC2873 |
| Q1F9 | 4822 130 61425 | 2SC2873 |
| Q1G0 | 4822 130 42733 | 2SA1162 |
| Q1G1 | 4822 130 43398 | 2SC2712 |
| Q1G2 | 4822 130 43398 | 2SC2712 |
| Q101 | 4822 130 42733 | 2SA1162 |
| Q102 | 4822 130 61425 | 2SC2873 |
| Q103 | 4822 130 42733 | 2SA1162 |
| Q501 | 4822 130 43398 | 2SC2712 |
| Q502 | 4822 130 43398 | 2SC2712 |
| Q7A0 | 4822 130 61884 | RN1404 |
| Q7A1 | 4822 130 61884 | RN1404 |
| Q7D0 | 4822 130 42733 | 2SA1162 |
| Q7D1 | 4822 130 61885 | RN1443 |
| Q7D2 | 4822 130 61884 | RN1404 |
| Q7E0 | 4822 130 43398 | 2SC2712 |
| Q7E1 | 4822 130 43398 | 2SC2712 |
| Q7E2 | 4822 130 43398 | 2SC2712 |
| Q701 | 4822 130 43398 | 2SC2712 |
| Q702 | 4822 130 42733 | 2SA1162 |
| Q703 | 4822 130 42733 | 2SA1162 |
| Q706 | 4822 130 43398 | 2SC2712 |
| Q721 | 4822 130 43398 | 2SC2712 |
| Q730 | 4822 130 61424 | 2SC2714 |
| Q731 | 4822 130 61885 | RN1443 |
| Q732 | 4822 130 61884 | RN1404 |
| Q733 | 4822 130 42733 | 2SA1162 |
| Q734 | 4822 130 43398 | 2SC2712 |
| Q770 | 4822 130 61424 | 2SC2714 |
| Q771 | 4822 130 43398 | 2SC2712 |
| Q772 | 4822 130 61884 | RN1404 |
| Q803 | 4822 130 43398 | 2SC2712 |
| Q804 | 4822 130 43398 | 2SC2712 |
| Q805 | 4822 130 43398 | 2SC2712 |
| Q806 | 4822 130 43398 | 2SC2712 |
| Q807 | 4822 130 43398 | 2SC2712 |
| Q808 | 4822 130 61799 | DTA144TK |
| Q809 | 4822 130 43398 | 2SC2712 |



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| Q810 | 4822 130 43398 | 2SC2712 |
| Q811 | 4822 130 43398 | 2SC2712 |
| Q812 | 4822 130 43398 | 2SC2712 |
| Q813 | 4822 130 43398 | 2SC2712 |
| Q814 | 4822 130 43398 | 2SC2712 |
| Q815 | 4822 130 43398 | 2SC2712 |
| Q816 | 4822 130 43398 | 2SC2712 |
| Q901 | 4822 130 43398 | 2SC2712 |
| Q902 | 4822 130 43398 | 2SC2712 |
| Q903 | 4822 130 43398 | 2SC2712 |
| Q904 | 4822 130 43398 | 2SC2712 |
| Q905 | 4822 130 43398 | 2SC2712 |
| Q906 | 4822 130 43398 | 2SC2712 |
| Q907 | 4822 130 43398 | 2SC2712 |
| Q908 | 4822 130 43398 | 2SC2712 |
| Q909 | 4822 130 42733 | 2SA1162 |
| Q910 | 4822 130 43398 | 2SC2712 |
| Q911 | 4822 130 42733 | 2SA1162 |



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|------|----------------|--------------|
| IC11 | 4822 209 60119 | FA7610N |
| IC12 | 4822 209 62502 | NJM2406F |
| IC31 | 4822 209 73911 | TC4069UBF |
| IC32 | 4822 209 11502 | TC4081BF |
| IC51 | 4822 209 61666 | NJM386 |
| IC53 | 4822 209 83361 | NJM2904M |
| IC61 | 4822 209 62504 | TMP47C434F |
| IC62 | 4822 209 62499 | X24C02 |
| IC63 | 4822 209 61645 | M51951AML |
| IC71 | 4822 209 73907 | UPC1416G-T1 |
| IC72 | 4822 209 73907 | UPC1416G-T1 |
| IC73 | 4822 209 62501 | TSA5511T |
| IC74 | 4822 209 62503 | TC74HC4053AF |
| IC81 | 4822 209 61643 | M52003AFP |
| IC82 | 4822 209 61644 | M51404 |
| IC83 | 4822 209 60334 | TC4S81F |
| IC91 | 4822 209 62503 | TC74HC4053AF |

Various

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|------|----------------|--------------------|
| LP11 | 4822 134 80175 | Fluorescentie lamp |
| E701 | 4822 210 10395 | Tuner EPZ4X001A |
| A701 | 4822 303 30369 | Rod antenna |
| FL81 | 4822 242 72589 | NLT4532-S4 |
| FL82 | 4822 320 50173 | EFD-VN645A41C |
| PL31 | 4822 130 90845 | LCD Panel LQ424P01 |
| SP51 | 4822 240 30548 | Speaker |
| X601 | 4822 242 72391 | CST5,56MGW |
| X602 | 4822 242 72223 | CST4.00MGW |
| X7A0 | 4822 242 72187 | SFE6,0MHz |
| X7A1 | 4822 242 73622 | SFE5,5MHz |
| X7A2 | 4822 242 72906 | CDA6,0MHz33 |
| X7A3 | 4822 242 73621 | CDA5,5MHz33 |
| X7E0 | 4822 242 72926 | TPSL5,5 |
| X720 | 4822 242 71833 | |
| X730 | 4822 242 72929 | SX3963 |
| X770 | 4822 242 72928 | SAF32,4M |
| X771 | 4822 242 72931 | SX3964 |
| X801 | 4822 242 72593 | |